Influent and Effluent Data Summary II.

The results of all analyses performed on the WWTP influent and effluent are summarized in tables with monthly and annual averages (and in some cases annual totals) calculated. Graphs of monthly averages are presented.

- A. **Mass Emissions**
- **Discharge Limits** B.
- Influent and Effluent Data Summaries C.
- Influent and Effluent Graphs D.
- Daily Values of selected Parameters E.
- **Toxicity Bioassays** F.
- 6-Year Tables G.

A. Mass Emissions

Mass Emissions of Effluent Using 2009 Monthly Averages

DISCHARGE SPECIFICATIONS from NPDES Permit No. CA0107409/RWQCB Order No. R-2002-0025 effective on September 13, 2002 with limits on pollutant discharges.

	Benchmarks	2009	2009	
		Mass		
	(mt/yr)	Emissions	Concentration	
Constituent/Property		(mt/yr)		Units
Flow (MGD)			153.3	MGD
Total Suspended Solids	<u>13,995</u>	6,774	32	mg/L
BOD	-	21,168	100	mg/L
Arsenic	0.88	0.17	0.79	ug/L
Cadmium	1.4	0.00	0.00	ug/L
Chromium	14.2	0.34	1.6	ug/L
Copper	26	4.28	20.2	ug/L
Lead	14.2	0.00	0.0	ug/L
Mercury	0.19	0.00	0.00	ug/L
Nickel	11.3	1.55	7.3	ug/L
Selenium	0.44	0.28	1.33	ug/L
Silver	2.8	0.01	0.03	ug/L
Zinc	18.3	5.08	24	ug/L
Cyanide	1.57	0.42	0.002	mg/L
Residual Chlorine		1.06	0.005	mg/L
Ammonia	8018	6,686	31.5	mg/L
Non-Chor. Phenols	2.57	3.05	14.4	ug/L
Chlorinated Phenols	1.73	0.00	0.0	ug/L
Endosulfan	0.006	0.00	0	ng/L
Endrin	0.008	0.00	0	ng/L
hexachlorocyclohexanes	0.025	0	0	ng/L
*(HCH)				
* (all as Lindane, the gamma isomer)				
Acrolein	17.6	0.00	0	ug/L
Antimony	56.6	0.00	0.0	ug/L
Bis(2-chloroethoxy) methane	1.5	0.00	0	ug/L
Bis(2-chloroisopropyl) ether	1.61	0.00	0	ug/L
Chlorobenzene	1.7	0.00	0.0	ug/L
Chromium (III)				
di-n-butyl phthalate	1.33	0.00	0	ug/L
dichlorobenzenes	2.8	0.01	0.03	ug/L
1,1-dichloroethylene	0.79	0.00	0	ug/L
Diethyl phthalate	6.23	1.44	6.8	ug/L
Dimethyl phthalate	1.59	0.00	0	ug/L
4,6-dinitro-2-methylphenol	6.8	0.00	0	ug/L
2,4-dinitrophenol	11.9	0.00	0	ug/L
Ethylbenzene	2.04	0.06	0.3	ug/L
Fluoranthene	0.62	0.00	0	ug/L
Hexachlorocyclopentadiene	-	0.00	0	ug/L

	Benchmarks	2009	2009	
Constituent/Property	(mt/yr)	Mass Emissions (mt/yr)	Concentration	Units
Nitrobenzene	2.07	0.00	0	ug/L
Thallium	36.8	0.00	0.0	ug/L
Toluene	3.31	0.34	1.6	ug/L
1,1,2,2-tetrachloroethane	1.95	0.00	0	ug/L
Tributyltin	0.001	0.00	0	ug/L
1,1,1-trichloroethane	2.51	0.00	0	ug/L
1,1,2-trichloroethane	1.42	0.00	0	ug/L
Acrylonitrile	5.95	0.00	0	ug/L
Aldrin	0.006	0.00	0	ng/L
Benzene	1.25	0.00	0	ug/L
Benzidine	12.5	0.00	0	ug/L
Beryllium	1.42	0.001	0.003	ug/L
Bis(2-chloroethyl) ether	1.61	0.00	0	ug/L
Bis(2-ethylhexyl) phthalate	2.89	0.00	0.0	ug/L
Carbon Tetrachloride	0.79	0.00	0	ug/L
Chlordane	0.014	0.0000	0	ng/L
Chloroform	2.19	1.10	5.2	ug/L
DDT	0.043	0.00	0	ng/L
1,4-dichlorobenzene	1.25	0.08	0.4	ug/L
3,3-dichlorobenzidine	4.67	0.00	0	ug/L
1,2-dichloroethane	0.79	0.00	0	ug/L
Dichloromethane (methylene	13.7	0.57	2.7	ug/L
chloride)				
1,3-dichloropropene	1.42	0.00	0	ug/L
Dieldrin	0.011	0.00	0	ng/L
2,4-dinitrotoluene	1.61	0.00	0	ug/L
1,2-diphenylhydrazine	1.52	0.00	0	ug/L
Halomethanes	5.86	1.50	7.1	ug/L
Heptachlor	0.001	0.00	0	ng/L
Heptachlor epoxide	0.024	0.00	0	ng/L
Hexachlorobenzene	0.54	0.00	0	ug/L
Hexachlorobutadiene	0.054	0.00	0	ug/L
Hexachloroethane	1.13	0.00	0	ug/L
Isophorone	0.71	0.00	0	ug/L
N-nitrosodimethylamine	0.76	0.00	0	ug/L
N-nitrosodiphenylamine	1.47	0.00	0	ug/L
PAHs	15.45	0.00	0	ug/L
PCBs	0.275	0.00	0	ng/L
TCDD equivalents		0.000000000	0.000	pg/L
Tetrachloroethylene	4	0.00	0	ug/L
Toxaphene	0.068	0.00	0	ng/L
Trichloroethylene	1.56	0.00	0	ug/L
2,4,6-trichlorophenol	0.96	0.00	0	ug/L
Vinyl Chloride	0.4	0.00	0	ug/L

B. Discharge Limits

NPDES Permit No. CA0107409/RWQCB Order No. R-2002-0025

DISCHARGE SPECIFICATIONS from NPDES Permit No. CA0107409/RWQCB Order No. R-2002-0025 effective on September 13, 2002 with limits on pollutant discharges.

The discharge of waste through the Point Loma Ocean Outfall containing pollutants in excess of the following effluent limitations are prohibited:

Constituent	Units	6-month Median	30-day Average	7-Day Average	Daily Maximum	Instantaneous Maximum
Biochemical Oxygen Demand BOD ₅ @ 20°C	mg/L	The "Mean Ann emission limit.	ual Percent Rer	noval" limit for	BOD is 58%.	There is no mass
Total Suspended Solids ⁸	mg/L lb/day		75 13,599			
pH	pH units		Within the 1	imits of 6.0 - 9.	0 at all times.	
Grease & Oil	mg/L lb/day		25 34,000	40 68,000		75 130,000
Settleable Solids	mL/L		1.0	1.5		3.0
Turbidity	NTU		75	100		225
Acute Toxicity	TUa				6.5	
Arsenic	ug/L	1,000			5,900	16,000
Cadmium	ug/L	200			800	2,100
Chromium ⁹ (Hexavalent)	ug/L	400			2,000	4,100
Copper	ug/L	200			2,100	5,700
Lead	ug/L	400			2,000	4,100
Mercury	ug/L	8.1			33	80
Nickel	ug/L	1,000			4,100	10,000
Selenium	ug/L	3,100			12,000	30,800
Silver	ug/L	100			540	1,000
Zinc	ug/L	2,500			15,000	39,400
Cyanide	mg/L	0.2			0.8	2.1
Total Residual Chlorine(TRC)	mg/L	0.400			2.0	12
Ammonia (expressed as Nitrogen)	mg/L	123			492	1,230
Chronic Toxicity	TUc				205	
Phenolic Compounds (non- chlorinated)	ug/L	6,200			24,600	61,500
Chlorinated Phenolics	ug/L	200			800	2,100
Endosulfan	ng/L	2,000			3,700	5,500
Endrin	ng/L	400			800	1,000
HCH (hexachlorocyclohexanes)	ng/L lb/day	800			2,000	2,500

⁸ Total Suspended Solids (TSS)- The discharger shall achieve a mass emission of TSS of no greater than 15,000 mt/yr; this requirement shall be effective through December 31, 2005. Effective January 1, 2006, the discharger shall achieve a mass emission of TSS of no greater than 13,599 mt/yr. These mass emission requirements shall only apply to TSS discharged from POTWs which are owned and operated by the discharger, and the discharger's wastewater generated in the Metro System service area. These mass emission requirements do not apply to wastewater (and the resulting TSS) generated in Mexico as a result of upset or shutdown and treated at and discharged from the PLMWTP.

⁹ Hexavalent Chromium limit met as Total Chromium.

LIMITATIONS FOR PROTECTION OF								
HUMAN HEALTHNONCARCINOGENS								
Constituent	Units	Monthly						
		Average						
		(30-Day)						
Acrolein	ug/L	45,000						
Antimony	ug/L	250,000						
Bis(2-chloroethoxy)	ug/L	900						
methane								
Bis(2-chloroisopropyl) ether	ug/L	250,000						
Chlorobenzene	ug/L	120,000						
Chromium (III) ¹⁰	ug/L	39,000,000						
di-n-butyl phthalate	ug/L	720,000						
dichlorobenzenes	ug/L	1,000,000						
Diethyl phthalate	ug/L	6,800,000						
Dimethyl phthalate	ug/L	170,000,000						
4,6-dinitro-2-methylphenol	ug/L	45,000						
2,4-dinitrophenol	ug/L	820						
Ethylbenzene	ug/L	840,000						
Fluoranthene	ug/L	3,100						
Hexachlorocyclopentadiene	ug/L	12,000						
Nitrobenzene	ug/L	1,000						
Thallium	ug/L	400						
Toluene	ug/L	17,000,000						
Tributyltin	ug/L	0.29						
1,1,1-trichloroethane	ug/L	110,000,000						

LIMITATIONS FOR PROTECTION OF HUMAN HEALTH—CARCINOGENS								
Constituent	Units	Monthly						
		Average (30-Day)						
Acrylonitrile	ug/L	21						
Aldrin	ng/L	4.5						
Benzene	ug/L	1,200						
Benzidine	ug/L	0.014						
Beryllium	ug/L	6.8						
Bis(2-chloroethyl)ether	ug/L	9.2						
Bis(2-ethylhexyl)phthalate	ug/L	720						
Carbon Tetrachloride	ug/L	180						
Chlordane	ng/L	4.7						
Chloroform	ug/L	27,000						
DDT	ng/L	35						
1,1,2,2-tetrachloroethane	ug/L	470						
1,1-dichloroethylene	ug/L	200						
1,1,2-trichloroethane	ug/L	1,900						
1,4-dichlorobenzene	ug/L	3,700						
3,3-dichlorobenzidine	ug/L	1.7						
1,2-dichloroethane	ug/L	5,700						
Dichloromethane	ug/L	92,000						
1,3-dichloropropene	ug/L	1,800						
Dieldrin	ng/L	8.20						
2,4-dinitrotoluene	ug/L	530						
1,2-diphenylhydrazine	ug/L	33						
Halomethanes	ug/L	27,000						
Heptachlor	ng/L	10						
Hexachlorobenzene	ug/L	0.043						
Hexachlorobutadiene	ug/L	2,900						
Hexachloroethane	ug/L	510						
Isophorone	ug/L	150,000						
N-nitrosodimethylamine	ug/L	1,500						
N-nitrosodiphenylamine	ug/L	510						
PAHs	ug/L	1.80						
PCBs	ng/L	3.90						
TCDD equivalents	pg/L	0.8						
Tetrachloroethylene	ug/L	410						
Toxaphene	ng/L	430						
Trichloroethylene	ug/L	5,500						
Vinyl Chloride	ug/L	7,400						

 $^{^{\}rm 10}$ Chromium (III) limit is met by Total Chromium.

C. Influent and Effluent Data Summaries

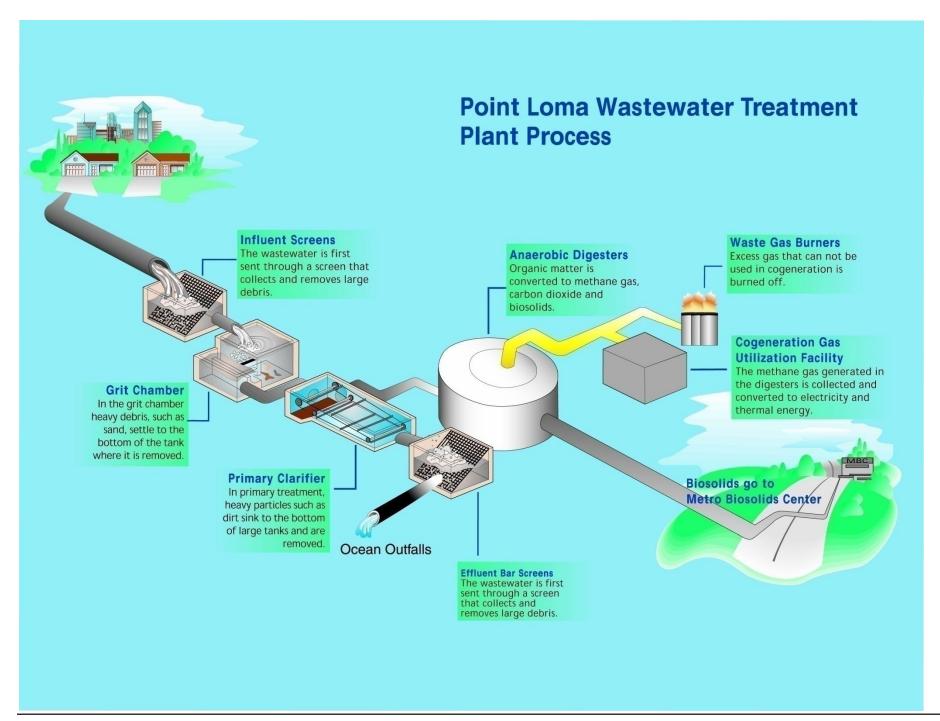
The results of all analyses performed on the WWTP influent and effluent are summarized in tables with monthly and annual averages (and in some cases annual totals) calculated.

October 30th, 2009 Anomalous Effluent Data

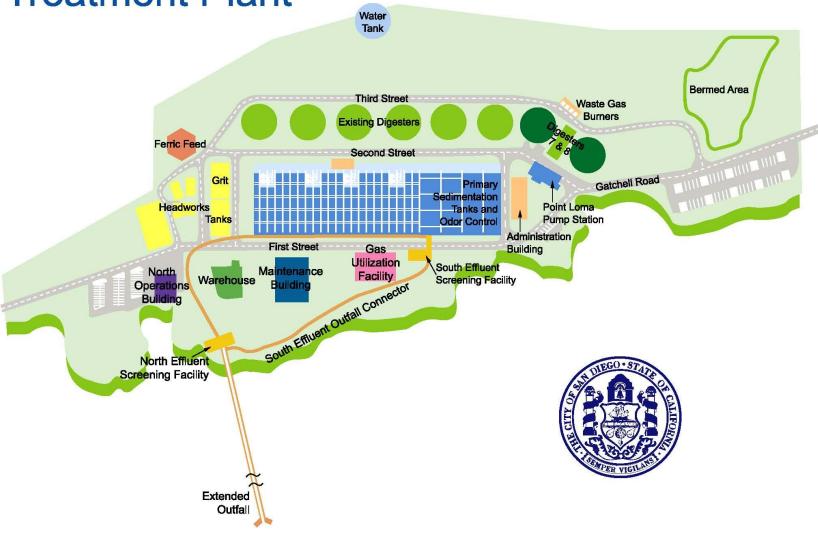
The 24-hour effluent composite sample for October 30th, 2009 has been abstracted in this report. Extreme and uncharacteristically high values for TSS and BOD determinations, 580mg/L and 267 mg/L respectively, were obtained on the October 30th, 2009 effluent composite sample. These data points are inconsistent with real-time process monitoring data and are magnitudes higher than past annual maximum values for this sample stream and are considered to be erroneous outliers.

These anomalous data points would result in negative daily removals. Effluent values elevated to this extreme level would indicate a catastrophic failure of plant processes, which would have been noticed by plant staff, documented by automated plant process monitoring equipment and recorded as data in the Distributed Control System (DCS). An immediate and through investigation of plant operational data and logs, as well as, laboratory records show no such failures; all measures indicate plant operating within nominal parameters.

Utilization of these data points would have resulted in monthly system wide adjusted removals for BOD and TSS of 67.9% and 85.6% respectively, while demonstrating compliance with the permit limits the use of the extraneous data points for the October 30th, 2009 effluent composite sample would not accurately portray the removals and would bias statistical analyses. Last year's average BOD and TSS values were used in calculation of the system-wide removals as stipulated in the permit in place of the anomalous data.



Point Loma Wastewater Treatment Plant



POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL

From 01-JAN-2009 To 31-DEC-2009

Biochemical Oxygen Demand Concentration

					Daily Effluent		Percent Removal
		Flow	Value	Value (lbs/Day)	Value	Value (lbs/Day)	BOD (%)
		F10W	(IIIg/L)((105/Day)	(IIIg/L)((105/Day)	(%)
JANUARY	-2009	162.9	 272	369535	101	 137217	62.9
FEBRUARY	-2009	175.9	256	375554	97	142300	62.1
MARCH	-2009	158.0	290	382139	100	131772	65.5
APRIL	-2009	151.8	292	369676	94	119005	67.8
MAY	-2009	148.7	292	362126	103	127736	64.7
JUNE	-2009	148.0	309	381405	98	120963	68.3
JULY	-2009	148.2	292	360908	95	117419	67.5
AUGUST	-2009	148.3	298	368573	102	126156	65.8
SEPTEMBER	-2009	149.3	296	368568	97	120781	67.2
OCTOBER	-2009	148.8	303	376021	102	126581	66.3
NOVEMBER	-2009	143.1	310	369971	106	126506	65.8
DECEMBER	-2009	156.1	289	376242	110	143206	61.9
=======	=====	========					======
Average		153.3	292	371727	100	128304	65.5

Total Suspended Solids Concentration

	Flow	Daily Influent TSS (mg/L)	Daily Influent VSS (mg/L)	Percent VSS of TSS (%)	Daily Influent Value (lbs/Day)	Daily Effluent TSS (mg/L)	Daily Effluent VSS (mg/L)	Percent VSS of TSS (%)	Daily Effluent Value (lbs/Day)
JANUARY - 2009	162.9	279	241	 86.4	 379045	 30	23	 76.7	40758
FEBRUARY -2009	175.9	263	224	85.2	385823	29	22	75.9	42543
MARCH -2009	158.0	303	259	85.5	399269	31	23	74.2	40849
APRIL -2009	151.8	317	276	87.1	401326	29	23	79.3	36714
MAY -2009	148.7	324	280	86.4	401811	32	24	75.0	39685
JUNE -2009	148.0	330	281	85.2	407326	30	23	76.7	37030
JULY -2009	148.2	317	270	85.2	391808	31	24	77.4	38316
AUGUST -2009	148.3	326	277	85.0	403204	34	27	79.4	42052
SEPTEMBER-2009	149.3	323	275	85.1	402187	33	25	75.8	41090
OCTOBER -2009	148.8	308	262	85.1	382226	31	23	74.2	38471
NOVEMBER -2009	143.1	306	257	84.0	365197	32	24	75.0	38191
DECEMBER -2009	156.1	300	253	84.3	390562	36	28	77.8	46867
A	152.2	200	262		202482			=======	40214
Average	153.3	308	263		392482	32	24		40214

		Percent	Percent
		Removal	Removal
		TSS	VSS
		(%)	(%)
JANUARY	-2009	89.2	90.5
FEBRUARY	-2009	89.0	90.2
MARCH	-2009	89.8	91.1
APRIL	-2009	90.9	91.7
MAY	-2009	90.1	91.4
JUNE	-2009	90.9	91.8
JULY	-2009	90.2	91.1
AUGUST	-2009	89.6	90.3
SEPTEMBER	R-2009	89.8	90.9
OCTOBER	-2009	89.9	91.2
NOVEMBER	-2009	89.5	90.7
DECEMBER	-2009	88.0	88.9
Average		89.7	90.8

Annual Mass Emissions are calculated from monthly averages of flow and TSS, whereas Monthly Report average mass emissions are calculated from average daily mass emissions.

POINT LOMA WASTEWATER TREATMENT PLANT

Systemwide BOD Removals - 2009

	Pt. Loma	NCWRP	NCWRP	MBC	NCWRP	Total	Pt. Loma	System wide	Pt. Loma	Pt. Loma
	Influent	PS64	Penasquitos	Return	Return	Return	Effluent	Adjusted	Daily	Daily
	Mass	Mass	Mass	Mass	Mass	Mass	Mass	BOD	BOD	BOD
MONTH	Emissions	Emissions	Emissions	Emissions	Emissions	Emissions	Emissions	Removals	Removals	Eff Conc.
09-01	369,460	29,594	8,868	8,560	6,165	14,725	137,170	65.0	62.7	101
09-02	374,507	23,007	13,295	4,327	7,126	11,453	142,223	64.3	62.0	97
09-03	382,029	33,924	14,584	4,701	19,997	24,698	131,805	67.3	65.4	100
09-04	369,427	29,912	14,460	5,624	7,145	12,769	119,452	70.2	67.6	94
09-05	361,805	29,206	12,945	6,583	12,719	19,302	126,898	66.9	64.9	102
09-06	380,968	32,307	11,561	7,388	3,708	11,096	120,928	70.7	68.1	98
09-07	360,279	32,721	10,246	7,026	17,796	24,822	117,485	68.2	67.3	95
09-08	369,155	28,722	15,853	7,209	1,708	8,917	125,764	68.9	65.8	102
09-09	368,130	29,829	15,505	7,045	2,819	9,864	120,675	70.0	67.1	97
09-10	375,603	30,656	16,209	5,113	8,178	13,291	126,299	69.0	66.2	102
09-11	370,036	31,574	16,056	8,159	15,099	23,258	126,814	67.6	65.5	106
09-12	372,907	26,978	15,887	4,636	12,483	17,119	141,791	64.3	61.7	109
avg	371,192	29,869	13,789	6,364	9,579	15,943	128,109	67.7	65.4	100.3

POINT LOMA WASTEWATER TREATMENT PLANT

Systemwide TSS Removals - 2009

	Pt. Loma	NCWRP	NCWRP	MBC	NCWRP	Total	Pt. Loma	System wide	Pt. Loma	Pt. Loma
	Influent	PS64	Penasquitos	Return	Return	Return	Effluent	Adjusted	Daily	Daily
	Mass	Mass	Mass	Mass	Mass	Mass	Mass	TSS	TSS	TSS
MONTH	Emissions	Emissions	Emissions	Emissions	Emissions	Emissions	Emissions	Removals	Removals	Eff Conc.
09-01	379,657	31,965	14,845	28,463	10,518	38,981	41,479	89.1	89.0	31
09-02	383,727	23,581	20,573	10,754	11,180	21,934	41,993	89.7	89.1	29
09-03	399,162	29,684	19,063	8,839	24,171	33,011	40,033	90.3	89.9	30
09-04	401,459	27,922	20,268	14,440	9,881	24,320	37,187	91.2	90.7	29
09-05	401,505	29,928	20,077	24,192	26,372	50,563	39,298	89.9	90.1	32
09-06	407,568	31,497	18,146	24,415	7,553	31,968	37,303	91.1	90.8	30
09-07	391,173	32,736	13,295	18,800	24,734	43,535	38,852	86.6	90.0	31
09-08	402,658	29,172	22,561	22,454	2,978	25,432	42,360	89.9	89.2	34
09-09	401,211	32,117	22,484	26,303	6,010	32,313	40,785	90.2	89.7	33
09-10	382,775	25,813	28,468	13,340	15,967	29,307	38,017	90.6	90.0	31
09-11	365,391	29,391	20,223	17,400	15,708	33,108	37,831	89.9	89.5	32
09-12	388,615	27,042	22,754	13,238	32,357	45,595	47,166	86.7	87.7	36
avg	392,075	29,237	20,230	18,553	15,619	34,172	40,192	89.6	89.6	31.5

Annual mass emissions are calculated from monthly averages of flow and TSS, whereas Monthly Report average mass emissions are calculated from average daily mass emissions.

The mass emission for the Return Stream is calculated using data from four NCWRP sources (plant drain, filter backwash, excess primary effluent, and disinfected final effluent that is not reclaimed) and one MBC source (centrate from the dewatering process)that are diverted to the Return Stream.

POINT LOMA WASTEWATER TREATMENT PLANT

From 01-JAN-2009 To 31-DEC-2009

Effluent to Ocean Outfall (PLE)

			Biochemical	Hexane			
		Settleable	0xygen	Extractable		Floating	
	рН	Solids	Demand	Material	Temperature	Particulate	esTurbidity
		(ml/L)	(mg/L)	(mg/L)	(C)	(mg/L)	(NTU)
=========	=======	=======	=======	=======	=======	=======	=======
JANUARY -2009	7.22	0.1	101	10.0	23.3	ND	36
FEBRUARY -2009	7.26	<0.1	97	8.3	23.0	ND	32
MARCH - 2009	7.25	0.1	100	8.4	23.3	ND	35
APRIL -2009	7.25	0.2	94	8.0	23.8	ND	33
MAY -2009	7.23	0.3	103	8.3	25.1	ND	39
JUNE -2009	7.18	0.4	98	9.4	25.8	ND	35
JULY -2009	7.17	0.4	95	9.7	27.1	ND	39
AUGUST -2009	7.18	0.5	102	11.2	27.9	ND	43
SEPTEMBER-2009	7.18	0.3	97	9.2	28.4	ND	41
OCTOBER -2009	7.17	0.5	102	9.6	27.2	ND	43
NOVEMBER -2009	7.16	0.4	106	11.5	26.1	ND	43
DECEMBER -2009	7.19	0.1	110	11.0	24.0	ND	37
=========	=======	=======	=======	=======	=======	=======	=======
Average	7.20	0.3	100	9.6	25.4	ND	38

Influent to Plant (PLR)

	рН	Settleable Solids (ml/L)	Biochemical Oxygen Demand (mg/L)	Hexane Extractable Material (mg/L)		Floating Particulate (mg/L)	esTurbidity (NTU)
===========	=======	=======	=======	=======	=======	=======	=======
JANUARY -2009	7.38	14.10	272	41.9	23.1	<1.40	136
FEBRUARY -2009	7.46	15.10	256	38.8	22.9	1.60	134
MARCH - 2009	7.43	15.10	290	42.4	23.2	1.73	143
APRIL -2009	7.42	15.60	292	42.8	23.8	<1.40	143
MAY -2009	7.39	18.30	292	50.4	25.0	<1.40	142
JUNE -2009	7.31	17.00	309	48.4	25.7	<1.40	146
JULY -2009	7.31	18.90	292	47.4	27.1	<1.40	144
AUGUST -2009	7.31	17.70	298	43.4	28.1	<1.40	140
SEPTEMBER-2009	7.32	17.80	296	45.6	28.2	<1.40	139
OCTOBER -2009	7.29	17.20	303	44.6	27.3	<1.40	144
NOVEMBER -2009	7.28	17.60	310	50.9	26.1	<1.40	139
DECEMBER -2009	7.33	16.00	289	45.7	24.1	1.94	137
	=======	=======	=======	=======	=======	=======	=======
Average	7.35	16.7	292	45.2	25.4	0.4	141

POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE Trace Metals

(Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2009 to: 31-DEC-2009

Analyte: MDL Units Source:	2.9 UG/L PLR	Antimony 2.9 UG/L PLE	.4 UG/L PLR	Arsenic .4 UG/L PLE	BerylliumB .022 UG/L PLR	.022 UG/L PLE	Cadmium .53 UG/L PLR	Cadmium .53 UG/L PLE
Source:	PLR	ND ND ND ND ND ND ND ND ND ND ND ND ND N	PLR 1.00 1.19 1.03 1.19 1.22 0.95 1.09 1.57 1.51 1.19 1.00 1.13	0.71 0.81 0.47 0.69 0.84 0.75 0.71 1.13 1.10 0.80 0.78	PLR ND 0.046 0.028 0.036 <0.022 <0.022 <0.022 <0.022 <0.022 <0.054 <0.022 0.049	ND <0.022 ND ND <0.022 ND ND ND <0.022 ND ND ND ND ND 0.022 <0.022 <0.022	PLR	ND N
Analyte: MDL Units Source:		Chromium 1.2 UG/L PLE	Copper 2.0 UG/L PLR	Copper 2.0 UG/L PLE	Iron 37 UG/L PLR	Iron 37 UG/L PLE	Lead 2.0 UG/L PLR	Lead 2.0 UG/L PLE
JANUARY -2009 FEBRUARY -2009 MARCH -2009 APRIL -2009 MAY -2009 JUNE -2009 JULY -2009 AUGUST -2009 SEPTEMBER -2009 OCTOBER -2009 DECEMBER -2009	7.4 8.3 5.3 8.0 8.4 6.4 6.5 5.5 7.1 7.5 7.3	<1.2 2.6 1.9 1.8 3.8 1.6 <1.2 1.8 <1.2 1.9 2.1 1.7	87.7 111 103 107 126 115 121 101 105 137 83.6 90.2	22.2 33.8 30.1 14.5 19.0 17.1 20.8 18.9 17.4 17.9 14.5 16.7	5550 5390 5710 6520 6920 7330 7440 5810 5940 8200 7480 5830	2670 2260 2350 2170 3960 2570 2310 2460 2010 2260 2620 2270	<pre></pre>	ND N
AVERAGE	7.0	1.6	107.3	20.2	6510	2493	1.9	ND

ND= not detected NA= not analyzed NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE Trace Metals

(Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2009 to: 31-DEC-2009

Analyte:	Mercury	Mercury	Nickel	Nickel	Selenium	Selenium	Silver	Silver
MDL	.09	.09	.53	.53	.28	.28	.4	.4
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Source:	PLR	PLE	PLR	PLE	PLR	PLE	PLR	PLE
			========		=======		========	
JANUARY -2009	0.10	ND	12.5	7.3	1.79	1.28	0.6	ND
FEBRUARY -2009	ND	ND	14.3	10.3	1.95	1.51	1.7	ND
MARCH -2009	ND	ND	7.6	6.1	2.30	1.63	1.1	<0.4
APRIL -2009	0.14	ND	10.9	7.2	2.46	1.67	1.9	<0.4
MAY -2009	0.13	ND	12.5	9.4	2.08	1.40	1.6	<0.4
JUNE -2009	0.26	ND	9.9	6.9	1.90	1.24	1.1	ND
JULY -2009	0.25	ND	10.8	6.1	2.02	1.27	1.6	ND
AUGUST -2009	0.19	ND	8.9	6.0	1.87	1.28	0.8	ND
SEPTEMBER-2009	0.23	ND	13.4	8.4	1.89	1.18	1.3	0.4
OCTOBER -2009	0.09	ND	14.0	6.7	1.70	0.89	1.1	ND
NOVEMBER -2009	<0.09	ND	12.3	7.3	1.48	1.15	0.8	ND
DECEMBER -2009	0.09	<0.09	9.3	5.7	1.81	1.40	0.9	ND
AVERAGE	0.12	0.00	11.4	7.3	1.94	1.33	1.2	0.03
7.0.00	0.12	3.00	11.4	7.5	1.54	1.55	1.2	0.05

		11·	- 1 11.		
Analyte:		Thallium		Zinc	Zinc
MDL		3.9	3.9	2.5	2.5
Units		UG/L	UG/L	UG/L	UG/L
Source:		PLR	PLE	PLR	PLE
=======		=======		========	
JANUARY	-2009	ND	ND	139	33
FEBRUARY	-2009	ND	ND	151	33
MARCH	-2009	ND	ND	137	26
APRIL	-2009	ND	ND	151	22
MAY	-2009	ND	ND	166	22
JUNE	-2009	ND	ND	151	20
JULY	-2009	ND	ND	158	21
AUGUST	-2009	ND	ND	139	25
SEPTEMBER	R-2009	ND	ND	142	20
OCTOBER	-2009	ND	ND	211	23
NOVEMBER	-2009	ND	ND	120	19
DECEMBER	-2009	ND	ND	126	22
=======		=======		=======	
AVERAGE		ND	ND	149	24

ND= not detected NA= not analyzed NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE

Ammonia-Nitrogen and Total Cyanides (Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2009 to: 31-DEC-2009

	Ammonia-N	Ammonia-N	Cyanides,Total	Cyanides,Total
	.3 MG/L	.3 MG/L	.002 MG/L	.002 MG/L
	PLR	PLE	PLR	PLE
Limit:		123		0.200
==========	===========		============	
JANUARY -2009	29.7	29.3	0.002	<0.002
FEBRUARY -2009	29.7	29.0	ND	<0.002
MARCH -2009	31.6	30.5	0.002	0.003
APRIL -2009	33.8	33.2	<0.002	0.002
MAY -2009	33.4	32.2	<0.002	0.002
JUNE -2009	34.2	33.0	<0.002	0.002
JULY -2009	33.6	32.5	<0.002	<0.002
AUGUST -2009	32.1	31.0	<0.002	<0.002
SEPTEMBER-2009	31.8	30.8	<0.002	0.010
OCTOBER -2009	33.3	32.2	ND	0.002
NOVEMBER -2009	35.8	34.6	<0.002	0.002
DECEMBER -2009	30.2	29.9	0.002	0.002
===========	==========		===========	
Average:	32.4	31.5	0.001	0.002

Chlorine Residual, Total .03 MG/L

PLE

		FLL
Limit:		
		==========
JANUARY	-2009	<0.03
FEBRUARY	-2009	0.06
MARCH	-2009	ND
APRIL	-2009	ND
MAY	-2009	ND
JUNE	-2009	ND
JULY	-2009	ND
AUGUST	-2009	<0.03
SEPTEMBER	R-2009	ND
OCTOBER	-2009	ND
NOVEMBER	-2009	ND
DECEMBER	-2009	<0.03
=======	=====	=======================================
Average:		0.01

ND= not detected NA= not analyzed NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE Radioactivity

From: 01-JAN-2009 To: 31-DEC-2009

Source	Month		Gross Alpha Radiation	Gross Beta Radiation
======	=======		=======================================	=======================================
PLR	JANUARY	-2009	3.9±2.9	29.9±7.8
PLR	FEBRUARY	-2009	3.4±2.8	29.9±6.2
PLR	MARCH	-2009	5.8±3.6	28.3±6.1
PLR	APRIL	-2009	5.9±3.6	28.8±6.8
PLR	MAY	-2009	0.6±4.4	30.7±7.9
PLR	JUNE	-2009	2.7±3.1	29.1±7.2
PLR	JULY	-2009	4.2±4.5	31.6±8.0
PLR	AUGUST	-2009	2.4±3.6	33.5±7.8
PLR	SEPTEMBER	R-2009	4.4±3.6	31.9±8.2
PLR	OCTOBER	-2009	2.8±3.4	32.7±8.0
PLR	NOVEMBER	-2009	2.9±3.6	32.1±7.7
PLR	DECEMBER	-2009	4.0±3.6	39.2±10.5
======	=======		=======================================	=======================================
AVERAGE			3.6±3.5	31.5±7.7

Source	Month		Gross Alpha Radiation	Gross Beta Radiation
======	=======		=======================================	=======================================
PLE	JANUARY	-2009	1.0±1.6	27.0±5.7
PLE	FEBRUARY	-2009	4.8±3.0	29.5±6.4
PLE	MARCH	-2009	5.1±3.3	28.7±6.2
PLE	APRIL	-2009	2.8±3.2	32.6±7.1
PLE	MAY	-2009	0.0±3.3	32.3±6.6
PLE	JUNE	-2009	2.6±3.7	25.9±6.1
PLE	JULY	-2009	3.3±3.4	30.2±6.7
PLE	AUGUST	-2009	4.0±3.6	34.5±7.4
PLE	SEPTEMBER	R-2009	3.7±4.0	37.0±8.8
PLE	OCTOBER	-2009	1.3±2.5	34.8±7.9
PLE	NOVEMBER	-2009	0.6±3.1	36.1±7.8
PLE	DECEMBER	-2009	6.4±4.1	37.5±11.0
======	=======	=====	=======================================	=======================================
AVERAGE			3.0±3.2	32.2±7.3

ND= not detected NA= not analyzed NS= not sampled

Units in picocuries/liter (pCi/L)

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL - Chlorinated Pesticide Analysis

From 01-JAN-2009 To 31-DEC-2009

Effluent

	=====
Aldrin 7 NG/L ND	ND
Dieldrin 3 NG/L ND	ND
BHC, Alpha isomer 7 NG/L ND	ND
BHC, Beta isomer 3 NG/L ND	ND
BHC, Gamma isomer 5 NG/L ND	0
BHC, Delta isomer 3 NG/L ND	ND
p,p-DDD 3 NG/L ND	ND
p,p-DDE 4 NG/L ND	ND
p,p-DDT 8 NG/L ND	ND
o,p-DDD 4 NG/L ND	ND
o,p-DDE 5 NG/L ND <5 ND	0
o,p-DDT 3 NG/L ND	ND
Heptachlor 8 NG/L ND	ND
Heptachlor epoxide 4 NG/L $$ ND	ND
Alpha (cis) Chlordane 3 NG/L ND	ND
Gamma (trans) Chlordane 4 NG/L ND	ND
Alpha Chlordene NG/L NA	NA
Gamma Chlordene	NA
Oxychlordane 6 NG/L ND	ND
Trans Nonachlor 5 NG/L ND	ND
Cis Nonachlor 3 NG/L ND	ND
Alpha Endosulfan	ND
Beta Endosulfan 2 NG/L ND ND ND <2 ND	0
Endosulfan Sulfate 6 NG/L ND	ND
Endrin 2 NG/L ND	ND
Endrin aldehyde 9 NG/L ND	ND
Mirex 10 NG/L ND	ND
Methoxychlor 10 NG/L ND	ND
Toxaphene 330 NG/L ND	ND
PCB 1016 4000 NG/L ND	ND
PCB 1221 4000 NG/L ND	ND
PCB 1232 360 NG/L ND	ND
PCB 1242 4000 NG/L ND	ND
PCB 1248 2000 NG/L ND	ND
PCB 1254 2000 NG/L ND	ND ND
PCB 1260 2000 NG/L ND	ND ND
PCD 1202 930 NG/L ND	ND
Aldrin + Dieldrin 7 NG/L 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Hexachlorocyclohexanes 7 NG/L 0 0 0 0 0 0 0 0 0 0 0	0
DDT and derivatives 8 NG/L 0 0 0 0 0 0 0 0 0 0 0 0	0
Chlordane + related cmpds. 6 NG/L 0 0 0 0 0 0 0 0 0 0 0 0	0
Polychlorinated biphenyls 4000 NG/L 0 0 0 0 0 0 0 0 0 0 0 0	0
Endosulfans 6 NG/L 0 0 0 0 0 0 0 0 0 0 0 0	0
=======================================	=====
Heptachlors 8 NG/L 0 0 0 0 0 0 0 0 0 0 0 0	0
Chlorinated Hydrocarbons 4000 NG/L 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0

ND= not detected NA= not analyzed

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL - Chlorinated Pesticide Analysis

From 01-JAN-2009 To 31-DEC-2009

Influent

Aldrin 7 NG/L ND	ND ND
AIGITI TO NOTE NO	
Dieldrin 3 NG/L ND	
BHC, Alpha isomer 7 NG/L ND	ND
BHC, Beta isomer 3 NG/L ND	ND
BHC, Gamma isomer 5 NG/L ND	0
BHC, Delta isomer 3 NG/L ND	ND
p,p-DDD 3 NG/L ND	ND
p,p-DDE 4 NG/L ND 13 ND 6 14 ND ND ND ND <4 ND ND	3
p,p-DDT 8 NG/L ND	ND
o,p-DDD 4 NG/L ND	ND
o,p-DDE 5 NG/L ND	ND
o,p-DDT 3 NG/L ND	ND
Heptachlor 8 NG/L ND	ND
Heptachlor epoxide 4 NG/L ND	ND
Alpha (cis) Chlordane 3 NG/L ND	ND
Gamma (trans) Chlordane 4 NG/L ND	ND
Alpha Chlordene	NA
Gamma Chlordene	NA
Oxychlordane 6 NG/L ND	ND
Trans Nonachlor 5 NG/L ND	ND
Cis Nonachlor 3 NG/L ND	ND
Alpha Endosulfan 4 NG/L ND ND ND ND ND ND ND ND ND ND	ND
Beta Endosulfan 2 NG/L ND ND ND 2 ND ND ND ND ND ND ND ND	0
Endosulfan Sulfate 6 NG/L ND	ND
Endrin 2 NG/L ND	ND
Endrin aldehyde 9 NG/L ND	ND
Mirex 10 NG/L ND	ND
Methoxychlor 10 NG/L ND	ND
Toxaphene 330 NG/L ND	ND
PCB 1016 4000 NG/L ND	ND
PCB 1221	ND
PCB 1232 360 NG/L ND	ND
PCB 1242 4000 NG/L ND	ND
PCB 1248 2000 NG/L ND	ND
PCB 1254 2000 NG/L ND	ND
PCB 1260 2000 NG/L ND	ND
PCB 1262 930 NG/L ND	ND
	====
Aldrin + Dieldrin 7 NG/L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0
· · · · · · · · · · · · · · · · · · ·	
DDT and derivatives $8 \ NG/L \ 0 \ 13 \ 0 \ 6 \ 14 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ $	3 0
,	0
Polychlorinated biphenyls 4000 NG/L 0	0
	====
Heptachlors 8 NG/L 0 0 0 0 0 0 0 0 0 0 0	0
Chlorinated Hydrocarbons 4000 NG/L 0 13 0 8 14 0 0 0 0 0 0 0	3

ND= not detected NA= not analyzed

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER ANNUAL SUMMARY

Organophosphorus Pesticides

From 01-JAN-2009 To 31-DEC-2009

			PLE	PLE	PLR 05-MAY-2009	PLR
Analyte	MDI	Units	P468671	P490472	P468676	P490477
======================================		=====	1400071	1 430472		1 4304/ /
Demeton O	. 15	UG/L	ND	ND	ND	ND
Demeton S		UG/L	ND.	ND.	ND.	ND
Diazinon		UG/L	ND	ND.	ND	ND
Guthion		UG/L	ND	ND	ND	ND
Malathion		UG/L	0.3	ND	0.2	ND
Parathion	.03	UG/L	ND	ND	ND	ND
	===	=====	========	========	========	========
Thiophosphorus Pesticides	.15	UG/L	0.3	0.0	0.2	0.0
Demeton -0, -S	.15	UG/L	0.0	0.0	0.0	0.0
	===	=====	========			========
Total Organophosphorus Pesticides	.3	UG/L	0.3	0.0	0.2	0.0
	===	=====			========	========
Bolstar		UG/L	ND	ND	ND	ND
Chlorpyrifos		UG/L	ND	ND	ND	ND
Coumaphos	.15	UG/L	ND	ND	ND	ND
Dibrom		UG/L	ND	ND	ND	ND
Dichlofenthion		UG/L	ND	ND	ND	ND
Dichlorvos		UG/L	ND	ND	ND	ND
Dimethoate		UG/L	ND	ND	ND	ND
Disulfoton		UG/L	ND	ND	ND	ND
EPN		UG/L	ND	ND	ND	ND
Ethoprop		UG/L	ND	ND	ND	ND
Fensulfothion		UG/L	ND	ND	ND	ND
Merphos		UG/L	ND	ND	ND	ND
Mevinphos, e isomer		UG/L	ND	ND	ND	ND
Mevinphos, z isomer		UG/L	ND	ND	ND	ND
Phorate		UG/L	ND	ND	ND	ND
Ronnel		UG/L	ND	ND	ND	ND
Stirophos		UG/L	ND	ND	ND	ND
Sulfotepp		UG/L	ND	ND	ND	ND
Tokuthion		UG/L	ND	ND	ND	ND
Trichloronate	. 64	UG/L	ND	ND	ND	ND

POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE MONTHLY - Tributyl Tin analysis

From 01-JAN-2009 To 31-DEC-2009

Effluent

			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Analyte	MDL	Units													Average
========	===	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Dibutyltin	7	UG/L	ND												
Monobutyltin	16	UG/L	ND												
Tributyltin	2	UG/L	ND												

Influent

	JAN FE	B MAR AF	R MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	
Analyte MDL Units											Average
=======================================			= =====	=====	=====	=====	=====	=====	=====	=====	=====
Dibutyltin 7 UG/L	ND NE	ND N	ID ND	ND	ND	ND	ND	ND	ND	ND	ND
Monobutyltin 16 UG/L	ND NE) ND M	ID ND	ND	ND	ND	ND	ND	ND	ND	ND
Tributyltin 2 UG/L	ND NE) ND N	ID ND	ND	ND	ND	ND	ND	ND	ND	ND

ND=not detected

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL - Acid Extractables

From 01-JAN-2009 to 31-DEC-2009

Analyte	MDL	Units	PLE JAN Avg	PLE FEB Avg	PLE MAR Avg	PLE APR Avg	PLE MAY Avg	PLE JUN Avg	PLE JUL Avg	PLE AUG Avg	PLE SEP Avg	PLE OCT Avg	PLE NOV Avg	PLE DEC Avg	Average
2-chlorophenol	1 22	===== UG/L	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	==== ND
4-chloro-3-methylphenol		UG/L	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dichlorophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dimethylphenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-nitrophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-nitrophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol		UG/L	ND	ND 12.2	ND 1 F 1	ND 1E O	ND 15.6	ND	ND 1 F	ND	ND 12.0	ND 1 F O	ND 1 F 1	ND	ND
Phenol 2,4,6-trichlorophenol		UG/L UG/L	14.2 ND	13.2 ND	15.1 ND	15.9 ND	15.6 ND	13.1 ND	15.5 ND	14.4 ND	12.0 ND	15.8 ND	15.1 ND	12.7 ND	14.4 ND
======================================		,	=====			=====		====					=====		
Total Chlorinated Phenols		UG/L =====	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols		UG/L	14.2	13.2	15.1 =====	15.9 =====	15.6	13.1		14.4	12.0	15.8 =====	15.1 =====	12.7	14.4
Phenols		UG/L	14.2		15.1		15.6		15.5	14.4	12.0	15.8	15.1		14.4
Additional analytes determined;	===-		=====												
2-methylphenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
4-methylphenol(3-MP is unresolved)	2.11	UG/L	41.2	30.2	46.0	35.0	32.9	27.5	32.6	28.8	15.8	30.2	31.3	35.7	32.3
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analyte	MDL	Units	PLR JAN Avg	PLR FEB Avg	PLR MAR Avg	PLR APR Avg	PLR MAY Avg	PLR JUN Avg	PLR JUL Avg	PLR AUG Avg	PLR SEP Avg	PLR OCT Avg	PLR NOV Avg	PLR DEC Avg	Average
Analyte		Units	JAN Avg											DEC	Average
2-chlorophenol	1.32	===== UG/L	JAN Avg ===== ND	FEB Avg ===== ND	MAR Avg ===== ND	APR Avg ===== ND	MAY Avg ===== ND	JUN Avg ==== ND	JUL Avg ==== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ===== ND	ND
2-chlorophenol 4-chloro-3-methylphenol	1.32 1.67	===== UG/L UG/L	JAN Avg ==== ND ND	FEB Avg ===== ND ND	MAR Avg ===== ND ND	APR Avg ===== ND ND	MAY Avg ===== ND ND	JUN Avg ==== ND ND	JUL Avg ===== ND ND	AUG Avg ===== ND ND	SEP Avg ===== ND ND	OCT Avg ===== ND ND	NOV Avg ===== ND ND	DEC Avg ===== ND ND	ND ND
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol	1.32 1.67 1.01	===== UG/L UG/L UG/L	JAN Avg ==== ND ND ND	FEB Avg ===== ND ND ND	MAR Avg ===== ND ND ND	APR Avg ===== ND ND ND	MAY Avg ===== ND ND ND	JUN Avg ===== ND ND ND	JUL Avg ==== ND ND ND	AUG Avg ===== ND ND ND	SEP Avg ===== ND ND ND	OCT Avg ===== ND ND ND	NOV Avg ===== ND ND ND	DEC Avg ===== ND ND ND	ND ND ND
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol	1.32 1.67 1.01 2.01	===== UG/L UG/L UG/L UG/L	JAN Avg ===== ND ND ND ND	FEB Avg ===== ND ND ND ND	MAR Avg ===== ND ND ND ND	APR Avg ==== ND ND ND ND ND	MAY Avg ==== ND ND ND ND	JUN Avg ===== ND ND ND ND	JUL Avg ==== ND ND ND ND	AUG Avg ===== ND ND ND ND	SEP Avg ===== ND ND ND ND	OCT Avg ===== ND ND ND ND ND	NOV Avg ==== ND ND ND ND ND	DEC Avg ===== ND ND ND ND	ND ND ND ND ND
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol	1.32 1.67 1.01 2.01 2.16	===== UG/L UG/L UG/L	JAN Avg ==== ND ND ND	FEB Avg ===== ND ND ND	MAR Avg ===== ND ND ND	APR Avg ===== ND ND ND	MAY Avg ===== ND ND ND	JUN Avg ===== ND ND ND	JUL Avg ==== ND ND ND	AUG Avg ===== ND ND ND	SEP Avg ===== ND ND ND	OCT Avg ===== ND ND ND	NOV Avg ===== ND ND ND	DEC Avg ===== ND ND ND	ND ND ND
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol	1.32 1.67 1.01 2.01 2.16 1.52	===== UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND ND ND ND ND ND	FEB Avg ===== ND ND ND ND ND	MAR Avg ===== ND ND ND ND ND	APR Avg ND ND ND ND ND ND ND	MAY Avg ===== ND ND ND ND ND ND ND	JUN Avg ===== ND ND ND ND ND	JUL Avg ===== ND ND ND ND ND	AUG Avg ===== ND ND ND ND ND	SEP Avg ===== ND ND ND ND ND	OCT Avg ===== ND ND ND ND ND ND ND	NOV Avg ===== ND ND ND ND ND	DEC Avg ===== ND ND ND ND ND	ND ND ND ND ND ND
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol 2,-dinitrophenol 2-methyl-4,6-dinitrophenol	1.32 1.67 1.01 2.01 2.16 1.52 1.55	===== UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ===== ND	MAR Avg ===== ND	APR Avg ND	MAY Avg Avg ND	JUN Avg ==== ND	JUL Avg ==== ND	AUG Avg ==== ND	SEP Avg ==== ND ND ND ND ND ND ND ND	OCT Avg ===== ND	NOV Avg ==== ND	DEC Avg ===== ND	ND N
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol 2-methyl-4,6-dinitrophenol 2-nitrophenol 4-nitrophenol Pentachlorophenol	1.32 1.67 1.01 2.01 2.16 1.52 1.55 1.14	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ===== ND ND ND ND ND ND ND ND ND	MAR Avg ===== ND	APR Avg ==== ND	MAY Avg Avg ND	Avg Avg ND	Avg ==== ND	AUG Avg ==== ND	SEP Avg ==== ND ND ND ND ND ND ND ND ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ==== ND	ND N
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol 2-methyl-4,6-dinitrophenol 2-nitrophenol 4-nitrophenol Pentachlorophenol Phenol	1.32 1.67 1.01 2.01 2.16 1.52 1.55 1.14 1.12	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ===== ND ND ND ND ND ND ND ND ND ND ND	MAR Avg ==== ND	APR Avg ===== ND	MAY Avg Avg ND	JUN Avg THE STATE OF THE STATE	JUL Avg ==== ND	AUG Avg ===== ND ND ND ND ND ND ND ND ND ND ND	SEP Avg ==== ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ==== ND	ND N
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol 2-methyl-4,6-dinitrophenol 2-nitrophenol 4-nitrophenol Pentachlorophenol Phenol 2,4,6-trichlorophenol	1.32 1.67 1.01 2.01 2.16 1.52 1.55 1.14 1.12 1.76	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg THE STATE OF THE STATE	FEB Avg ===== ND	MAR Avg ===== ND	APR Avg ND	MAY Avg ===== ND	JUN Avg ===== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg Avg ND	DEC Avg ==== ND	ND N
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol 2-methyl-4,6-dinitrophenol 2-nitrophenol 4-nitrophenol Pentachlorophenol Phenol 2,4,6-trichlorophenol ====================================	==== 1.32 1.67 1.01 2.01 2.16 1.52 1.55 1.14 1.12 1.76 1.65 ====	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ===== ND	MAR Avg ===== ND ND ND ND ND ND ND ND ND ND	APR Avg ===== ND	MAY Avg ===== ND	JUN Avg ===== ND	JUL Avg ===== ND ND ND ND ND ND ND ND ND ND ND ND ND	AUG Avg ===== ND ND ND ND ND ND ND ND ND ND ND ND ND	SEP Avg ===== ND ND ND ND ND ND ND ND ND ND ND ND ND	OCT Avg ===== ND ND ND ND ND ND ND ND ND ND ND ND ND	NOV Avg ===== ND	DEC Avg ===== ND	===== ND
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol 2-methyl-4,6-dinitrophenol 2-nitrophenol 4-nitrophenol Pentachlorophenol Phenol 2,4,6-trichlorophenol Total Chlorinated Phenols	1.32 1.67 1.01 2.01 2.16 1.52 1.55 1.14 1.12 1.76 1.65 ==== 1.67	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg	FEB Avg ===== ND	MAR Avg ===== ND	APR Avg ===== ND 17.0 ND 17.0 E==== 17.0	MAY Avg ===== ND	JUN Avg ===== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ===== ND 17.1 ND ===== 0.0 ==== 17.1	===== ND
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol 2-methyl-4,6-dinitrophenol 2-nitrophenol 4-nitrophenol Pentachlorophenol Phenol 2,4,6-trichlorophenol ====================================	==== 1.32 1.67 1.01 2.01 2.16 1.52 1.55 1.14 1.12 1.76 1.65 ==== 1.67 ====	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg	FEB Avg ===== ND	MAR Avg ===== ND 16.9 ND ===== 0.0 ===== 16.9	APR Avg ===== ND 17.0 ND ===== 17.0 =====	MAY Avg ===== ND 18.3 ND ===== 0.0 ===== 18.3 =====	JUN Avg ===== ND 19.0 ND 19.0 ==== 0.0 ===== 19.0	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT AVg ===== ND OF EFFE 0.0 ===== 22.4 =====	NOV Avg ===== ND	DEC Avg ===== ND 17.1 ND ===== 0.0 ===== 17.1	===== ND ===== 0.0 ===== 18.8
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol 2-methyl-4,6-dinitrophenol 2-nitrophenol 4-nitrophenol Pentachlorophenol Phenol 2,4,6-trichlorophenol	1.32 1.67 1.01 2.01 2.16 1.52 1.55 1.14 1.12 1.76 1.65 ==== 1.67 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg	FEB Avg ===== ND 16.2 ND ==== 0.0 ==== 16.2	MAR AVg ===== ND 16.9 ND ===== 16.9	APR AVg ===== ND 17.0 ND ===== 17.0	MAY Avg ===== ND 18.3 ND ===== 18.3 ==== 18.3	JUN Avg ===== ND 19.0 ND ===== 19.0	JUL Avg ===== ND 20.5 ND ===== 20.5	AUG Avg ===== ND 21.2 ND ===== 21.2	SEP Avg ===== ND	OCT Avg ===== ND 22.4 ND ==== 0.0 ===== 22.4	NOV Avg ===== ND	DEC Avg ===== ND 17.1 ND ===== 0.0 ===== 17.1	ND N
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol 2-methyl-4,6-dinitrophenol 2-nitrophenol 4-nitrophenol Pentachlorophenol Phenol 2,4,6-trichlorophenol	1.32 1.67 1.01 2.01 2.16 1.52 1.55 1.14 1.12 1.76 1.65 ==== 2.16 ==== 2.16	UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg	FEB Avg ===== ND 16.2 ND ===== 16.2 ===== 16.2	MAR AVg ===== ND 16.9 ND ===== 16.9 ===== 16.9	APR AVg ===== ND ND ND ND ND ND ND ND ND 17.0 ND ===== 17.0 ===== 17.0	MAY Avg ===== ND 18.3 ND ===== 18.3 ===== 18.3	JUN Avg ===== ND 19.0 ND ===== 19.0	JUL Avg ===== ND 20.5 ND ===== 20.5	AUG Avg ===== ND 21.2 ND ===== 21.2 ===== 21.2	SEP Avg ===== ND 20.2 ND ===== 20.2 ===== 20.2	OCT Avg ===== ND 22.4 ND ===== 22.4	NOV Avg ===== ND	DEC Avg ===== ND ND ND ND ND ND ND ND ND 17.1 ND ===== 17.1 ===== 17.1	ND N
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol 2-methyl-4,6-dinitrophenol 2-nitrophenol 4-nitrophenol Pentachlorophenol Phenol 2,4,6-trichlorophenol	1.32 1.67 1.01 2.01 2.16 1.52 1.55 1.14 1.12 1.76 1.65 ==== 2.16 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg	FEB Avg ===== ND 16.2 ND ==== 0.0 ==== 16.2	MAR AVg ===== ND 16.9 ND ===== 16.9	APR AVg ===== ND 17.0 ND ===== 17.0	MAY Avg ===== ND 18.3 ND ===== 18.3 ==== 18.3	JUN Avg ===== ND 19.0 ND ===== 19.0	JUL Avg ===== ND 20.5 ND ===== 20.5	AUG Avg ===== ND 21.2 ND ===== 21.2	SEP Avg ===== ND	OCT Avg ===== ND 22.4 ND ==== 0.0 ===== 22.4	NOV Avg ===== ND	DEC Avg ===== ND 17.1 ND ===== 0.0 ===== 17.1	ND N
2-chlorophenol 4-chloro-3-methylphenol 2,4-dichlorophenol 2,4-dimethylphenol 2,4-dinitrophenol 2-methyl-4,6-dinitrophenol 2-nitrophenol 4-nitrophenol Pentachlorophenol Phenol 2,4,6-trichlorophenol ====================================	==== 1.32 1.67 1.01 2.01 2.16 1.52 1.55 1.14 1.12 1.76 1.65 ==== 2.16 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ND ND ND ND ND ND ND ND ND 15.7 ND 15.7 15.7 ND NA ND NA NA NA	FEB Avg ===== ND 16.2 ND ===== 16.2 ==== ND	MAR Avg ===== ND 16.9 ND ===== 16.9 ==== ND	APR Avg ===== ND ND ND ND ND ND ND ND ND 17.0 ND ===== 17.0 ==== 17.0	MAY Avg ===== ND 18.3 ND ===== 18.3 ==== 18.3	JUN Avg ===== ND ND ND ND ND ND ND ND ND 19.0 ND ===== 19.0 ==== 19.0	JUL Avg ===== ND 20.5 ND ===== 20.5 ==== 20.5	AUG Avg ===== ND 21.2 ND ===== 21.2 ===== ND	SEP Avg ===== ND 20.2 ND ===== 20.2 ==== 20.2	OCT Avg ===== ND 22.4 ND ===== 22.4 ===== 22.4	NOV Avg ===== ND 20.7 ND ===== 20.7 ===== 20.7	DEC Avg ===== ND ND ND ND ND ND ND ND ND 17.1 ND ===== 17.1 ==== 17.1 ==== ND	===== ND 18.8 ND ===== 0.0 ===== 18.8 ===== 18.8

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Base/Neutrals

From 01-JAN-2009 to 31-DEC-2009

			PLE JAN	PLE FEB	PLE MAR	PLE APR	PLE MAY	PLE JUN	PLE JUL	PLE AUG	PLE SEP	PLE OCT	PLE NOV	PLE DEC	PLE
Analyte		Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	_	Average
Acenaphthene	1.8	===== UG/L	==== ND	ND	ND	ND	ND	===== ND	ND	==== ND	ND	ND	==== ND	ND	ND
Acenaphthylene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-chloroethoxy)methane		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-chloroethyl) ether		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-chlorophenyl phenyl ether		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-chloronaphthalene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate		UG/L UG/L	ND	ND	ND ND	ND	ND ND	ND ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND
<pre>Di-n-butyl phthalate Bis-(2-ethylhexyl) phthalate</pre>		UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Diethyl phthalate		UG/L	ND ND	7.1	7.1	6.8	8.8	5.7	8.2	7.9	7.2	8.3	7.6	6.3	6.8
Dimethyl phthalate		UG/L	ND ND	/.I ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-dichlorobenzidine		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dinitrotoluene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-dinitrotoluene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-diphenylhydrazine		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine		UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
N-nitrosodiphenylamine Phenanthrene		UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND
Pyrene		UG/L	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
=======================================			=====												
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Base/Neutral Compounds		UG/L	0.0	7.1	7.1	6.8	8.8	5.7	8.2	7.9	7.2	8.3	7.6	6.3	6.8
Additional analytes determine															
Benzo[e]pyrene		UG/L	ND	 ND	 ND	 ND	 ND	ND	 ND	ND	 ND	 ND	ND	ND	ND
Biphenyl		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-methylnaphthalene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-methylphenanthrene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Base/Neutrals

From 01-JAN-2009 to 31-DEC-2009

			PLR JAN	PLR FEB	PLR MAR	PLR APR	PLR MAY	PLR JUN	PLR JUL	PLR AUG	PLR SEP	PLR OCT	PLR NOV	PLR DEC	PLR
Analyte	MDL	Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	_	Average
Acenaphthene	1.8	===== UG/L	==== ND	ND	===== ND	ND	ND	ND	==== ND	ND	ND	===== ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<pre>2-chloronaphthalene</pre>	1.87	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND	ND	ND	3.0	4.4	ND	ND	4.3	ND	1.0
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	13.8	14.0	14.2	11.0	10.3	12.6	17.2	11.1	11.7	15.7	9.7	10.6	12.7
Diethyl phthalate	3.05	UG/L	ND	7.4	7.6	6.6	7.5	6.9	9.1	6.7	6.7	7.9	6.8	5.4	6.6
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
======================================															
Base/Neutral Compounds		UG/L	13.8	21.4					29.3				20.8		
Additional analytes determine															== =====
Benzo[e]pyrene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	 ND
Biphenyl		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-methylnaphthalene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-methylphenanthrene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,5-trimethylnaphthalene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perylene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Purgeables From 01-JAN-2009 to 31-DEC-2009

			PLE JAN	PLE FEB	PLE MAR	PLE APR	PLE MAY	PLE JUN	PLE JUL	PLE AUG	PLE SEP	PLE OCT	PLE NOV	PLE DEC	PLE
Analyte	MDL ====	Units	Avg	Avg	Avg	Avg	Average								
Acrolein	1.3	UG/L	ND	ND	ND	ND	ND								
Acrylonitrile	.7	UG/L	ND	ND	ND	ND	ND								
Benzene	.4	UG/L	ND	ND	ND	ND	ND								
Bromodichloromethane	.5	UG/L	1.0	1.1	0.9	<0.5	0.7	0.6	0.5	ND	0.6	ND	0.6	0.9	0.6
Bromoform	.5	UG/L	ND	ND	ND	ND	ND								
Bromomethane	.7	UG/L	ND	<0.7	ND	ND	2.1	0.7	<0.7	0.7	ND	ND	ND	ND	0.3
Carbon tetrachloride Chlorobenzene	.4	UG/L	ND	ND	ND	ND	ND								
Chloroethane	.4 .9	UG/L UG/L	ND 1.1	ND ND	ND ND	ND ND	ND 2.0	ND ND	ND ND	ND 1.4	ND ND	ND ND	ND ND	ND ND	ND 0.4
Chloroform	.2	UG/L	5.6	5.5	5.8	5.7	5.8	4.3	4.7	5.5	5.3	3.9	4.6	5.8	5.2
Chloromethane	.5	UG/L	9.6	4.9	4.9	5.2	11.6	4.8	5.1	7.9	3.7	7.1	8.1	8.9	6.8
Dibromochloromethane	.6	UG/L	0.8	0.9	0.8	ND	<0.6	ND	ND	ND	ND	ND	0.6	ND	0.3
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND	ND	ND	0.0
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND	ND								
1,4-dichlorobenzene	.4	UG/L	1.3*	0.6	0.6	1.1*	0.8	0.7	0.8	1.5*	^k 0.5	<0.4	<0.4	1 <0.4	
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND	ND								
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND	ND								
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND	ND								
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND	ND								
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND	ND								
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND	ND								
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND	ND								
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND	ND								
Ethylbenzene	.3	UG/L	ND	ND	ND 1 2	0.7	0.8	0.5	ND	0.5	1.2	0.3	ND	ND	0.3
Methylene chloride 1,1,2,2-tetrachloroethane	.3 .5	UG/L UG/L	1.1 ND	2.7^ ND	1.3^ ND	1.5^ ND	2.4 ND	6.2 ND	1.7 ND	2.0 ND	3.0# ND	2.0 [/] ND	2.7 ND	2.6 ND	2.7 ND
Tetrachloroethene	1.1	UG/L	ND ND	ND	ND	ND ND	ND	ND	ND	ND	ND ND	ND	ND	ND	ND
Toluene	.4	UG/L	0.6	0.9	0.7	4.8	1.8	0.8	0.8	4.6	1.0	0.8	1.1	0.7	1.6
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND	ND								
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND	ND								
Trichloroethene	.7	UG/L	ND	ND	ND	ND	ND								
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND	ND								
Vinyl chloride	.4	UG/L	ND	ND	ND	ND	ND								
	====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Halomethane Purgeable Cmpnds		UG/L	9.6	4.9	4.9	5.2	13.7	5.5	5.1	8.6	3.7	7.1	8.1	8.9	7.1
Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	16.3	10.4	10.7	10.9	19.8	15.3	11.5	15.4	9.0	11.0	15.4	17.3	13.6
Purgeable Compounds	1.3	UG/L	19.8	13.9	13.7	16.4	28.0	18.6	14.0	22.6	12.3	12.1	17.7	18.9	17.3
Additional analytes determin	-														
A + - : -									=====				465		1062
Acetone	4.5	UG/L	400	1440	748	1090	2330	1490	662	541	1010	1990	465	581	1062
Allyl chloride Benzyl chloride	.6	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND								
2-butanone	1.1 6.3	UG/L	ND ND	ND	ND	7.1	ND	ND	<6.3	7.8	8.0	ND	7.8	35.0	5.5
Carbon disulfide	.6	UG/L	2.5	2.2	2.9	2.5	2.9	2.0	2.6	3.5	3.4	3.1	1.8	2.4	2.7
Chloroprene	.4	UG/L	ND	ND	ND	ND	ND								
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND	ND								
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND	ND								
Methyl Iodide	.6	UG/L	ND	ND	ND	ND	ND								
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND	ND								
Methyl tert-butyl ether	.4	UG/L	2.8	1.0	1.3	1.3	1.5	0.8	1.1	0.6	1.0	0.6	0.8	0.7	1.1
2-nitropropane	12	UG/L	ND	ND	ND	ND	ND								
ortho-xylene	.4	UG/L	ND	0.5	ND	1.5	1.5	1.0	ND	0.8	1.2	0.4	0.4	ND	0.6
Styrene	.3	UG/L	ND	0.4	ND	0.6	0.5	0.5	ND		159.0	ND	2.4	ND	13.7
1,2,4-trichlorobenzene		UG/L	ND	ND	ND	ND	ND								
meta,para xylenes	.6	UG/L	ND	0.8	ND	3.2	3.3	2.0	ND	1.8	<0.6	0.9	0.8	ND	1.1
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND	ND								
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	<1.3	ND	ND	ND	ND	ND	ND	ND	ND	0.0

^{* =} Did not meet QC criteria for method blank recovery. The method blank was above the MDL, range of recoveries above the MDL for 1,4-dichlorobenzene are between 0.46 to 0.99 UG/L.

^{^ =} Did not meet QC criteria for method blank recovery. The method blank was above the MDL, range of recoveries above the MDL for Methylene chloride are between 0.34 to 0.73 UG/L.

^{# =} PLE Field blank did not meet QC criteria, field blank value above the MDL, 4.37ug/L of analyte found in field blank.

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Purgeables From 01-JAN-2009 to 31-DEC-2009

Analyte	MDL	Units	PLR JAN Avg	PLR FEB Avg	PLR MAR Avg	PLR APR Avg	PLR MAY Avg	PLR JUN Avg	PLR JUL Avg	PLR AUG Avg	PLR SEP Avg	PLR OCT Avg	PLR NOV Avg	PLR DEC Avg	PLR Average
	====	=====	=====			====	=====	====	=====	=====		=====		=====	=====
Acrolein	1.3	UG/L	ND	ND											
Acrylonitrile	.7	UG/L	ND	ND											
Benzene Bromodichloromethane	.4 .5	UG/L UG/L	ND 0.6	ND 0.7	ND 0.9	ND ND	ND 0.2								
Bromoform	.5	UG/L	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND ND	ND	ND	0.2
Bromomethane	.7	UG/L	ND	ND											
Carbon tetrachloride	.4	UG/L	ND	ND											
Chlorobenzene	.4	UG/L	ND	ND											
Chloroethane	.9	UG/L	ND	ND											
Chloroform	.2	UG/L	2.4	2.8	3.3	3.3	3.0	3.1	3.3	4.8	4.5	2.8	2.5	2.8	3.2
Chloromethane	.5	UG/L	ND	ND											
Dibromochloromethane	.6	UG/L	0.6	0.7	0.8	ND	0.2								
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND ND	ND	ND
<pre>1,3-dichlorobenzene 1,4-dichlorobenzene</pre>	.5 .4	UG/L UG/L	ND 1.9*	ND 0.7	ND 0.8	1.2*		0.8	ND 0.9	ND 1.7*	ND 0.9	ND 0.6	иD 0.5	ND 0.5	ND 5 0.7
Dichlorodifluoromethane	.66	UG/L	ND	ND.	ND										
1,1-dichloroethane	.4	UG/L	ND	ND											
1,2-dichloroethane	.5	UG/L	ND	ND											
1,1-dichloroethene	.4	UG/L	ND	ND											
trans-1,2-dichloroethene	.6	UG/L	ND	ND											
1,2-dichloropropane	.3	UG/L	ND	ND											
cis-1,3-dichloropropene	.3	UG/L	ND	ND											
trans-1,3-dichloropropene	.5	UG/L	ND	ND											
Ethylbenzene	.3	UG/L	ND 1 0	ND	ND 1 40	0.3	0.7	0.5	ND 1 2	ND	1.4	ND 1 8A	0.4	ND 1	0.3
Methylene chloride 1,1,2,2-tetrachloroethane	.3 .5	UG/L UG/L	1.0 ND	2.2^ ND	1.4^ ND	1.4^ ND	1.6 ND	3.0 ND	1.2 ND	3.5 ND	1.7 ND	1.8^ ND	2.8 ND	1.6 ND	2.1 ND
Tetrachloroethene	1.1	UG/L	ND	ND											
Toluene	.4	UG/L	0.6	0.9	0.7	2.2	1.3	0.6	0.6	1.0	0.9	0.7	1.0	0.6	0.9
1,1,1-trichloroethane	.4	UG/L	ND	ND											
1,1,2-trichloroethane	.5	UG/L	ND	ND											
Trichloroethene	.7	UG/L	ND	ND											
Trichlorofluoromethane	.3	UG/L	ND	ND											
Vinyl chloride	.4 ====	UG/L =====	ND =====	ND =====	ND ===== =	ND =====	ND =====	ND =====	ND	ND =====	ND =====	ND	ND ====	ND =====	ND
Halomethane Purgeable Cmpnds		UG/L	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.1
Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	3.4	2.8	3.3	3.3	4.6	6.1	4.5	8.3	6.2	2.8	5.3	4.4	4.6
Purgeable Compounds	1.3	UG/L	5.2	5.8	6.5	5.8	7.5	8.0	6.7	9.3	9.4	4.1	7.2	5.5	6.8
Additional analytes determin	-														
Acetone	==== 4.5	===== UG/L	438	1390	933	482	2940	819	742	286	2930	2910	446	387	1225
Allyl chloride	.6	UG/L	ND	ND											
Benzyl chloride	1.1	UG/L	ND	ND											
2-butanone	6.3	UG/L	ND	ND	ND	6.3	ND	ND	ND	ND	8.7	ND	10.5	55.4	6.7
Carbon disulfide	.6	UG/L	1.6	1.3	1.8	1.7	2.3	1.4	1.6	2.7	1.6	2.6	1.4	1.5	1.8
Chloroprene	.4	UG/L	ND	ND											
1,2-dibromoethane	.3	UG/L	ND	ND											
Isopropylbenzene	.3	UG/L	ND	ND											
Methyl Iodide	.6	UG/L	ND	ND											
Methyl methacrylate Methyl tert-butyl ether	.8	UG/L	ND 4 A	ND 0.5	ND a c	ND 1 6	ND 1 A	ND ND	ND 0.6	ND ND	ND ND	ND	ND a s	ND ND	ND 0.7
2-nitropropane	.4 12	UG/L UG/L	4.0 ND	ND	0.6 ND	1.6 ND	1.0 ND	ND ND	۰.6 ND	ND ND	ND ND	ND ND	0.5 ND	ND ND	0.7 ND
ortho-xylene	.4	UG/L	ND ND	0.5	ND	0.5	1.2	1.0	ND	0.5	2.3	ND	0.6	ND	0.6
Styrene	.3	UG/L	ND	0.4	ND	1.0	0.6	0.7	0.4		191.0	0.4	2.8	ND	16.5
1,2,4-trichlorobenzene		UG/L	ND	ND											
meta,para xylenes	.6	UG/L	ND	0.9	ND	1.2	3.0	1.9	ND	1.0	2.8	0.6	1.2	0.7	1.1
2-chloroethylvinyl ether	1.1	UG/L	ND	ND											
4-methyl-2-pentanone	1.3	UG/L	ND	ND											

^{* =} Did not meet QC criteria for method blank recovery. The method blank was above the MDL, range of recoveries above the MDL for 1,4-dichlorobenzene are between 0.46 to 0.99 UG/L.

^{^ =} Did not meet QC criteria for method blank recovery. The method blank was above the MDL, range of recoveries above the MDL for Methylene chloride are between 0.34 to 0.73 UG/L.

^{# =} PLE Field blank did not meet QC criteria, field blank value above the mDL, 4.37ug/L of analyte found in field blank.

From 01-JAN-2009 to 31-DEC-2009

				PLE							
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Analyte	MDL	Units	Equiv	P458011	P458387	P465220	P468381	P468671	P475678	P480147	P481200
=======================================	===	=====	=====	======	======	======	======	=======	======	======	======
2,3,7,8-tetra CDD	125	PG/L	1.000	ND							
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND							
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND							
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND							
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND							
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND							
octa CDD	247	PG/L	0.001	ND							
2,3,7,8-tetra CDF	115	PG/L	0.100	ND							
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND							
2,3,4,7,8-penta CDF	118	PG/L	0.500	ND							
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND							
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND							
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND							
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND							
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND							
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND							
octa CDF	222	PG/L	0.001	ND							

				PLE	PLE	PLE	PLE
				SEP	OCT	NOV	DEC
Analyte	MDL	Units	Equiv	P489438	P490472	P497185	P499838
	===	=====	=====	=======	======	=======	=======
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.

nd= not detected

NA= not analyzed NS= not sampled

From 01-JAN-2009 to 31-DEC-2009

Analyte	MDI	Units	PLE TCDD JAN P458011	PLE TCDD FEB P458387	PLE TCDD MAR P465220	PLE TCDD APR P468381	PLE TCDD MAY P468671	PLE TCDD JUN P475678	PLE TCDD JUL P480147	PLE TCDD AUG P481200
•		=====	=======							=======
2,3,7,8-tetra CDD		PG/L	ND							
1,2,3,7,8-penta CDD	123	PG/L	ND							
1,2,3,4,7,8_hexa_CDD	113	PG/L	ND							
1,2,3,6,7,8-hexa CDD	98	PG/L	ND							
1,2,3,7,8,9-hexa CDD	111	PG/L	ND							
1,2,3,4,6,7,8-hepta CDD	137	PG/L	ND							
octa CDD	247	PG/L	ND							
2,3,7,8-tetra CDF	115	PG/L	ND							
1,2,3,7,8-penta CDF	140	PG/L	ND							
2,3,4,7,8-penta CDF	118	PG/L	ND							
1,2,3,4,7,8-hexa CDF	147	PG/L	ND							
1,2,3,6,7,8-hexa CDF		PG/L	ND							
1,2,3,7,8,9-hexa CDF		PG/L	ND							
2,3,4,6,7,8-hexa CDF		PG/L	ND							
1,2,3,4,6,7,8-hepta CDF		PG/L	ND							
1,2,3,4,7,8,9-hepta CDF			ND							
octa CDF	222	PG/L	ND							
			DLE	DIE	DLE	DLE				
			PLE	PLE	PLE	PLE				
			TCDD SEP	TCDD OCT	TCDD NOV	TCDD DEC				
Analyte	MDI	Units	P489438	P490472	P497185	P499838				
,		=====		=======						
2,3,7,8-tetra CDD		PG/L	ND	ND	ND	ND				
1,2,3,7,8-penta CDD		PG/L	ND	ND	ND	ND				
1,2,3,4,7,8_hexa_CDD		PG/L	ND	ND	ND	ND				
1,2,3,6,7,8-hexa CDD	98	PG/L	ND	ND	ND	ND				
1,2,3,7,8,9-hexa CDD	111	PG/L	ND	ND	ND	ND				
1,2,3,4,6,7,8-hepta CDD	137	PG/L	ND	ND	ND	ND				
octa CDD	247	PG/L	ND	ND	ND	ND				
2,3,7,8-tetra CDF	115	PG/L	ND	ND	ND	ND				
1,2,3,7,8-penta CDF	140	PG/L	ND	ND	ND	ND				
2,3,4,7,8-penta CDF	118	PG/L	ND	ND	ND	ND				
1,2,3,4,7,8-hexa CDF	147	PG/L	ND	ND	ND	ND				
1,2,3,6,7,8-hexa CDF	107	PG/L	ND	ND	ND	ND				
1,2,3,7,8,9-hexa CDF		PG/L	ND	ND	ND	ND				
2,3,4,6,7,8-hexa CDF		PG/L	ND	ND	ND	ND				
1,2,3,4,6,7,8-hepta CDF		PG/L	ND	ND	ND	ND				
1,2,3,4,7,8,9-hepta CDF			ND	ND	ND	ND				
octa CDF	222	PG/L	ND	ND	ND	ND				

Above are permit required CDD/CDF isomers. nd= not detected NA= not analyzed $\,$ NS= not sampled

From 01-JAN-2009 to 31-DEC-2009

				PLR								
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Analyte	MDL	Units	Equiv	P458014	P458392	P465223	P468384	P468676	P475681	P480150	P481205	P489441
=======================================	===	=====	=====	======		======	======	======		======	======	======
2,3,7,8-tetra CDD	125	PG/L	1.000	ND								
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND								
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND								
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND								
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND								
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND								
octa CDD	247	PG/L	0.001	ND								
2,3,7,8-tetra CDF	115	PG/L	0.100	ND								
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND								
2,3,4,7,8-penta CDF	118	PG/L	0.500	ND								
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND								
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND								
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND								
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND								
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND								
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND								
octa CDF	222	PG/L	0.001	ND								

Analyte	MDL	Units	Equiv	PLR 0CT P490477	PLR NOV P496635	PLR DEC P499841
	===	=====	=====	=======		======
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.500	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND

Above are permit required CDD/CDF isomers. nd= not detected NA= not analyzed $\,$ NS= not sampled

From 01-JAN-2009 to 31-DEC-2009

Analyte 		Units	PLR TCDD JAN P458014	PLR TCDD FEB P458392	PLR TCDD MAR P465223	PLR TCDD APR P468384	PLR TCDD MAY P468676	PLR TCDD JUN P475681	PLR TCDD JUL P480150	PLR TCDD AUG P481205	PLR TCDD SEP P489441
2,3,7,8-tetra CDD		PG/L	ND								
1,2,3,7,8-penta CDD		PG/L	ND								
1,2,3,4,7,8_hexa_CDD	113	PG/L	ND								
1,2,3,6,7,8-hexa CDD	98		ND								
1,2,3,7,8,9-hexa CDD		PG/L	ND								
1,2,3,4,6,7,8-hepta CDD			ND								
octa CDD		PG/L	ND								
2,3,7,8-tetra CDF		PG/L	ND								
1,2,3,7,8-penta CDF		PG/L PG/L	ND								
2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF		PG/L PG/L	ND ND								
1,2,3,6,7,8-hexa CDF		PG/L	ND ND								
1,2,3,7,8,9-hexa CDF		PG/L	ND ND	ND							
2,3,4,6,7,8-hexa CDF		PG/L	ND								
1,2,3,4,6,7,8-hepta CDF		PG/L	ND								
1,2,3,4,7,8,9-hepta CDF		PG/L	ND								
octa CDF		PG/L	ND								
Analyte		Units	PLR TCDD OCT P490477	PLR TCDD NOV P496635	PLR TCDD DEC P499841						
2,3,7,8-tetra CDD	=== 125	==== PG/L	====== ND	ND	ND						
1,2,3,7,8-penta CDD		PG/L	ND ND	ND	ND						
1,2,3,4,7,8_hexa_CDD		PG/L	ND	ND	ND						
1,2,3,6,7,8-hexa CDD	98		ND	ND	ND						
1,2,3,7,8,9-hexa CDD	111	PG/L	ND	ND	ND						
1,2,3,4,6,7,8-hepta CDD	137	PG/L	ND	ND	ND						
octa CDD	247	PG/L	ND	ND	ND						
2,3,7,8-tetra CDF		PG/L	ND	ND	ND						
1,2,3,7,8-penta CDF		PG/L	ND	ND	ND						
2,3,4,7,8-penta CDF		PG/L	ND	ND	ND						
1,2,3,4,7,8-hexa CDF		PG/L	ND	ND	ND						
1,2,3,6,7,8-hexa CDF		PG/L	ND	ND	ND						
1,2,3,7,8,9-hexa CDF		PG/L	ND	ND	ND						
2,3,4,6,7,8-hexa CDF		PG/L	ND	ND	ND						
1,2,3,4,6,7,8-hepta CDF		PG/L	ND	ND	ND						
1,2,3,4,7,8,9-hepta CDF octa CDF		PG/L PG/L	ND ND	ND ND	ND ND						
octa coi	222	FU/ L	שוא	טויו	טאו						

Above are permit required CDD/CDF isomers. nd= not detected NA= not analyzed $\,$ NS= not sampled

2009 **Point Loma Treatment Plant Total Coliforms**

The following are the monthly Total Coliform results of the Point Loma Treatment Plant Effluent. The value is stated in terms of Most Probable Number (MPN) per 100 milliliters of sample.

SAMPLE SOURCE (Pt. Loma Treatment Plant Effluent)

DATE	TOTAL
	COLIFORM
	(MPN Index/100ml)
January 29, 2009	45,000
February 24, 2009	1,100,000
March 10, 2009	2,300,000
April 2, 2009	4,900,000
May 19, 2009	2,300,000
June 25, 2009	940,000
July 14, 2009	13,000,000
August 18, 2009	23,000,000
September 15, 2009	2,300,000
October 8, 2009	7,900,000
November 18, 2009	4,900,000
December 1, 2009	7,900,000

Average 5,882,083

POINT LOMA WASTEWATER TREATMENT PLANT

From 01-JAN-2009 To 31-DEC-2009

	Total Hardness			Calcium Hardness		Magnesium Hardness		Calcium		Magnesium	
MDL:	.4 Inf.	mg/L Eff.	.1 Inf. ======	mg/L Eff.	.4 Inf. =======	mg/L Eff.	.04 Inf. ======	mg/L Eff.	.1 Inf. ======	mg/L Eff.	
JANUARY -2009	440	440	214	213	226	227	86	86	55	55	
FEBRUARY -2009	433	437	212	214	221	223	85	86	54	54	
MARCH - 2009	463	461	229	226	235	235	92	91	57	57	
APRIL -2009	462	460	228	227	235	233	91	91	57	57	
MAY - 2009	472	476	228	229	245	247	91	92	59	60	
JUNE -2009	443	448	216	218	228	230	86	88	55	56	
JULY -2009	454	450	216	216	238	235	87	86	58	57	
AUGUST -2009	444	458	205	208	239	250	82	83	58	61	
SEPTEMBER-2009	436	436	200	200	235	236	80	80	57	57	
OCTOBER -2009	392	397	180	183	212	213	72	73	51	52	
NOVEMBER -2009	446	448	209	211	237	237	84	85	57	58	
DECEMBER -2009	476 ======	470 =====	232 ======	230	244 ======	240	93 ======	92 =====	59 =======	58 ======	
Average:	447	448	214	215	233	234	86	86	56	57	
	Alkalinity		Total		Total Vol.		Conductivity		Fluoride		
			Solid		Solid			. ,		,,	
MDL:	20	mg/L	10	mg/L	100	mg/L		hos/cm	.05	mg/L	
=========	Inf.	Eff.	Inf. ======	Eff.	Inf. ======	Eff.	Inf. =======	Eff.	Inf.	Eff.	
JANUARY -2009	287	271	1990	1760	471	251	2940	3000	0.63	0.66	
FEBRUARY -2009	296	280	2040	1800	497	281	3040	3050	0.69	0.73	
MARCH -2009	307	293	2150	1880	549	305	3080	3100	0.72	0.73	
APRIL -2009	318	304	2150	1870	539	291	3120	3170	0.80	0.83	
MAY - 2009	318	298	2180	1900	574	319	3150	3190	0.75	0.78	
JUNE -2009	320	297	1690	1880	578	804	3080	3120	0.86	0.81	
JULY -2009	317	301	2250	1920	605	317	3190	3170	0.67	0.69	
AUGUST -2009	306	294	2490	2170	721	436	3410	3450	0.71	0.71	
SEPTEMBER-2009	304	293	2420	2110	665	390	3410	3420	0.88	0.90	
OCTOBER -2009	296	282	2000	1730	528	284	2980	2990	0.72	0.70	
NOVEMBER -2009	318	305	2160	1850	546	294	3200	3170	0.76	0.78	
DECEMBER -2009	297	285	2090	1830	521	301	3150	3160	0.66	0.69	
<pre> Average:</pre>	307	292	2134	1892	======= 566	356	======== 3146	3166	0.74	0.75	
	Chloride		D.,	Bromide		Sulfate		Nitrate		Ortho Phosphate	
			BLOWI								
MDL:	7 Inf.	mg/L Eff.	.1 Inf.	mg/L Eff.	9 Inf.	mg/L Eff.	.04 Inf.	mg/L Eff.	.2 Inf.	mg/L Eff.	
==========	========		========		========		========		========		
JANUARY -2009	573	593	1.31	1.45	268	264	0.11	0.07	5.25	2.97	
FEBRUARY -2009	590	609	1.56	1.58	293	288	0.18	0.69	4.62	2.79	
MARCH - 2009	606	632	1.58	1.64	298	294	ND	0.28	4.43	2.54	
APRIL -2009	596	634	1.51	1.52	293	294	0.23	0.72	5.76	3.71	
MAY -2009	635	665	1.61	1.63	283	278	0.16	0.14	6.14	2.25	
JUNE -2009	631	649	1.57	1.58	274	267	0.17	0.16	6.31	4.64	
JULY -2009	671	678	1.40	1.68	272	262	0.17	0.99	6.14	4.90	
AUGUST -2009	700	747	1.90	1.98	262	260	0.15	0.16	8.67	6.56	
SEPTEMBER-2009	739	755	2.00	1.99	272	263	0.13	0.14	6.77	5.21	
OCTOBER -2009	621	639	1.59	1.58	224	215	0.35	0.80	6.91	5.67	
NOVEMBER -2009	662	679	1.64	1.65	261	253	0.14	0.86	2.25	2.10	
DECEMBER -2009	626 ======	644	1.54 ======	1.57	301 ======	295	0.22 ======	0.48	4.80 ======	3.61	
Average:	638	660	1.60	1.65	275	269	0.17	0.46	5.67	3.91	

POINT LOMA WASTEWATER TREATMENT PLANT

From 01-JAN-2009 To 31-DEC-2009

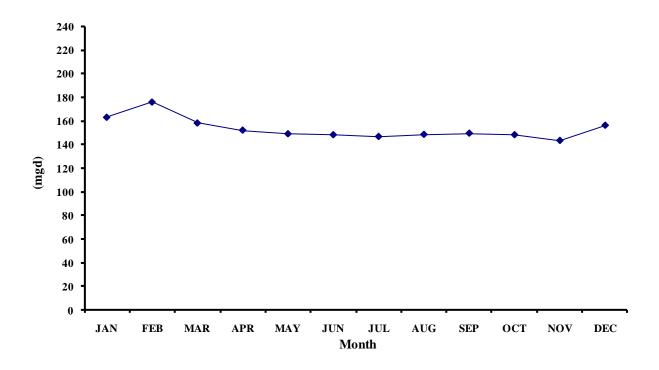
	Lithium Sodium		um	Potass	Chemic Oxygen D		Soluble BOD			
MDL:	.002	mg/L	1	mg/L	.3	mg/L	18	mg/L	2	mg/L
	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
JANUARY -2009	0.041	0.041	368	380	======== 25.8	25.6	======= 532	===== 227	====== 72	66
FEBRUARY -2009	0.041	0.041	345	357	22.9	23.0	572	241	66	65
MARCH - 2009	0.049	0.048	376	386	25.2	25.0	504	214	76	69
APRIL -2009	0.050	0.051	387	394	26.3	26.3	641	202	73	67
MAY -2009	0.046	0.046	406	421	28.2	28.5	643	242	88	73
JUNE -2009	0.045	0.046	389	398	27.1	27.0	603	228	80	68
JULY -2009	0.045	0.044	413	416	28.2	27.9	600	206	74	64
AUGUST -2009	0.047	0.047	437	461	29.7	30.1	615	234	79	64
SEPTEMBER-2009	0.045	0.046	416	422	27.8	27.4	596	214	73	66
OCTOBER -2009	0.037	0.039	383	392	27.1	27.2	615	228	82	72
NOVEMBER -2009	0.042	0.042	409	417	29.5	29.2	710	250	82	77
DECEMBER -2009	0.051	0.051	398	404	26.9	26.8	633	248	71	69
Average:	0.04	0.05	394	404	27.1	27.0	605	228	======== 76	68
Average.	0.04	0.03	394	404	27.1	27.0	003	220	70	08
	Total Disolved Solids		Floatables		Turbidity		Aluminum		Barium	
MDL:	28	mg/L	1.4	mg/L	.13	NTU	47	ug/L	.039	ug/L
	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
	========		========		========		========		========	
JANUARY -2009	1760	1770	<1.4	ND	136	36	963	264	101	46
FEBRUARY -2009	1680	1690	1.6	ND	134	32	934	220	108	49
MARCH -2009 APRIL -2009	1830 1770	1830 1780	1.7	ND ND	143 143	35 33	969 857	239 131	107 117	50 48
MAY -2009	1770	1800	<1.4 <1.4	ND ND	143	33 39	1090	220	117	46 45
JUNE -2009	1810	1840	1.4	ND	146	35	1010	166	102	40
JULY -2009	1830	1840	<1.4	ND	144	39	1050	199	108	46
AUGUST -2009	2100	2120	<1.4	ND	140	43	956	184	95	49
SEPTEMBER-2009	2010	2040	<1.4	ND	139	41	875	179	97	45
OCTOBER -2009	1690	1710	<1.4	ND	144	43	1220	140	106	34
NOVEMBER -2009	1730	1740	<1.4	ND	139	43	721	187	84	39
DECEMBER -2009	1790	1800	1.9	ND	137	37	839	159	100	47
Average:	1816	1830	0.6	ND	141	38	957	===== 191	103	45
	Boron		Cobalt		Molybdenum		Manganese		Vanadium	
MDI •	-	ua /1	0.5	ue /1	90	ua /1	24	/1	<i>C</i> 4	uc /1
MDL:	7 Inf.	ug/L Eff.	.85 Inf.	ug/L Eff.	.89 Inf.	ug/L Eff.	.24 Inf.	ug/L Eff.	.64 Inf.	ug/L Eff.
			========		=========		========		========	
JANUARY -2009	434	414	<0.85	<0.85	11	9	111	104	2.32	ND
FEBRUARY -2009	425	429	<0.85	<0.85	11	10	111	111	3.56	0.69
MARCH - 2009	435	444	ND	ND	10	9	112	112	2.96	<0.64
APRIL -2009	433	433	<0.85	ND	11	9	110	103	3.64	0.79
MAY -2009	446	451	1.13	<0.85	13	12	111	110	3.75	0.79
JUNE -2009	428	429	<0.85	ND	12	10	113	107	3.95	<0.64
JULY -2009	434	431	<0.85	ND	13	9	106	95	3.25	<0.64
AUGUST -2009	461	473	<0.85	ND	12	10	100	100	3.63	1.02
SEPTEMBER-2009	442	452	ND	ND	13	11	103	100	3.80	0.70
OCTOBER -2009	452	446	<0.85	ND	12	8	108	92	3.43	ND
NOVEMBER -2009	437	434	ND 10. RE	ND	11	9	110	105	2.49	0.99
DECEMBER -2009	433	407	<0.85 ======	ND	10	8	112	105	2.94	1.21
	438	====== 437	0.09	0.00	12	10	======= 109	104	3.31	0.52
Average:	438	437	6.63	טט.ט	12	TA	109	104	3.31	v.52

D. Influent and Effluent Graphs

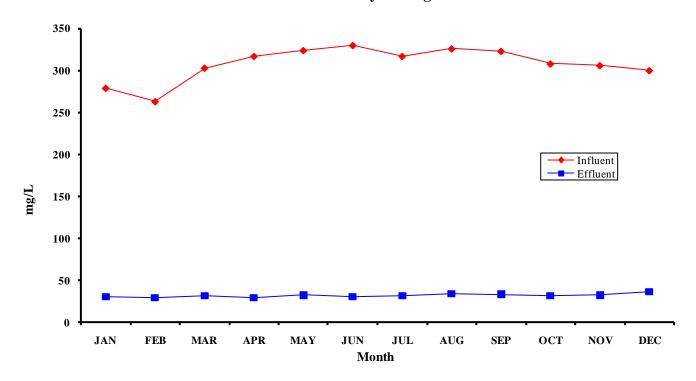
Graphs of monthly averages for permit parameters with measurable concentration averages.

Where possible, the influent and effluent values of a given parameter have been included on the same graph so that removals and other relationships are readily apparent. Please note that many of the graphs are on expanded scales. That is, they may not go to zero concentrations but show, in magnified scale, that range of concentrations where variation takes place. This makes differences and some trends obvious that might normally not be noticed. However, it also provides the temptation to interpret minor changes or trends as being of more significance than they are. Frequent reference to the scales and the actual differences in concentrations is therefore necessary.

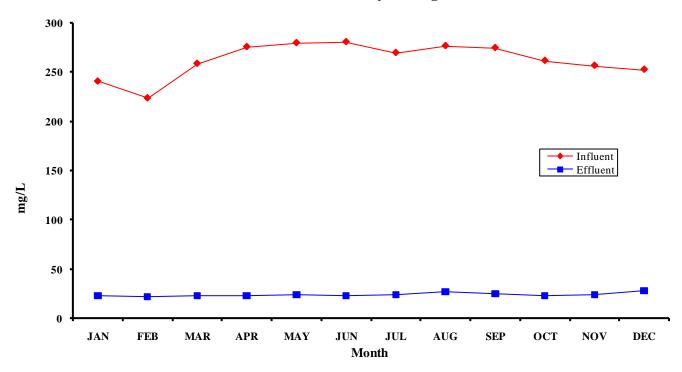
PLWWTP Flows (mgd) 2009 Monthly Averages



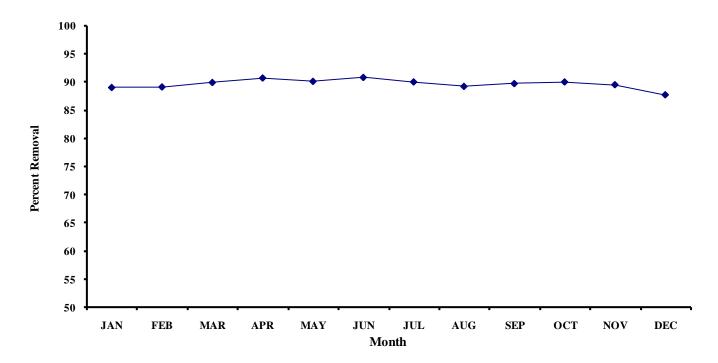
Total Suspended Solids (mg/L) 2009 Monthly Averages



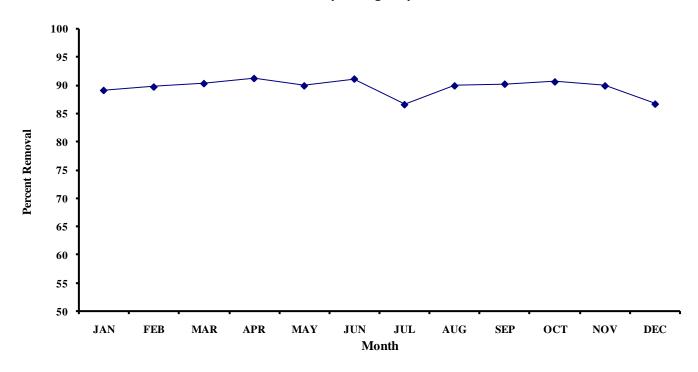
Volatile Suspended Solids (mg/L) 2009 Monthly Averages



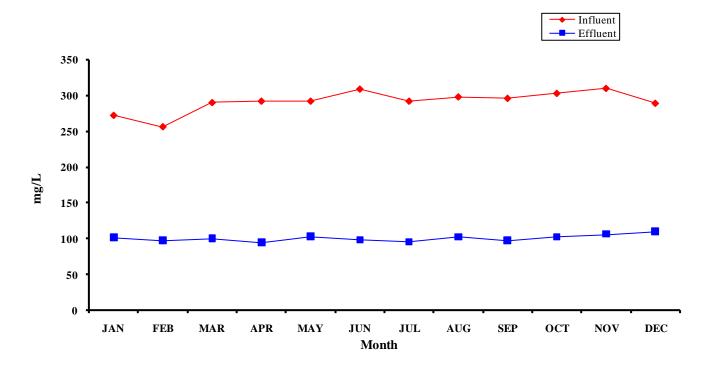
Total Suspended Solids (%) Removal 2009 Monthly Averages at Point Loma



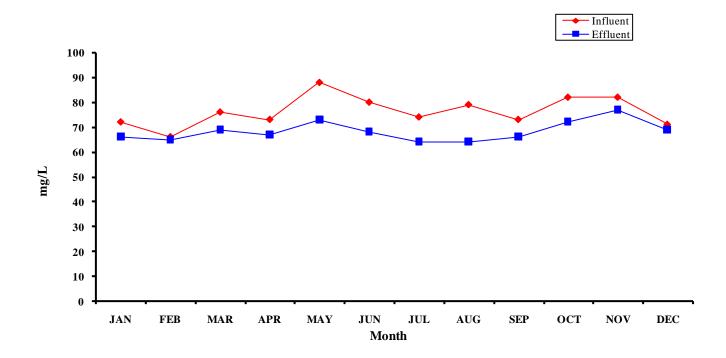
Total Suspended Solids (%) Removal 2009 Monthly Averages Systemwide



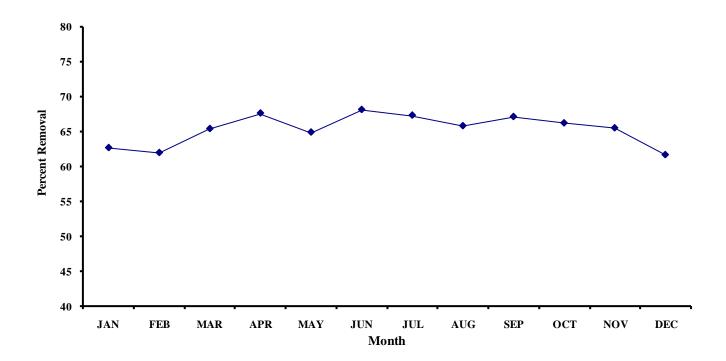
Biochemical Oxygen Demand 2009 Monthly Averages



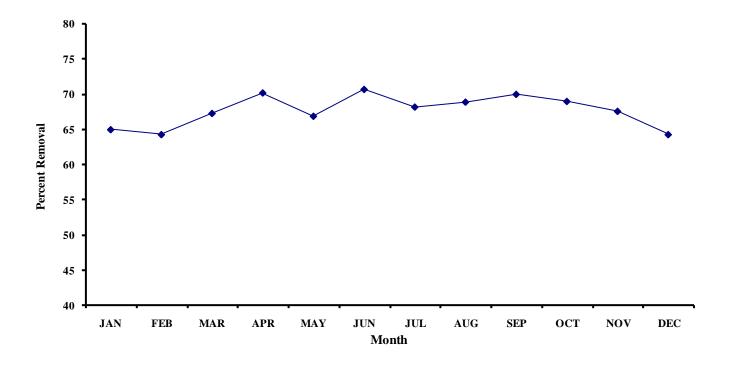
Soluble Biochemical Oxygen Demand 2009 Monthly Averages



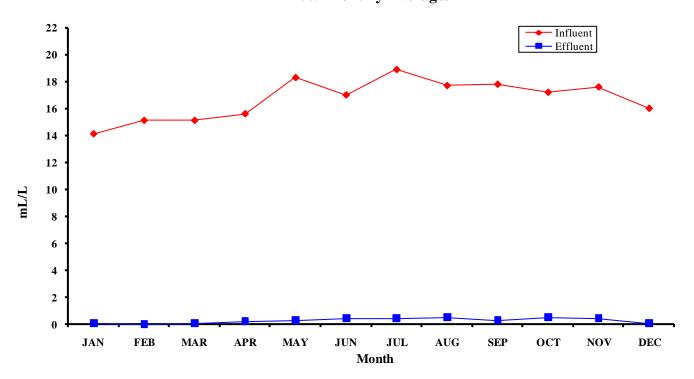
Biochemical Oxygen Demand (%) Removal 2009 Monthly Averages at Point Loma



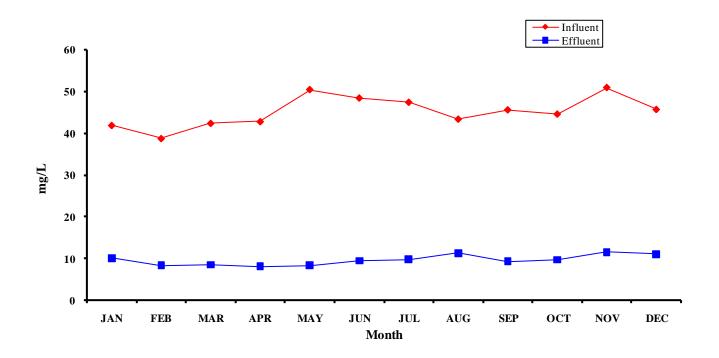
Biochemical Oxygen Demand (%) Removal 2009 Monthly Averages Systemwide



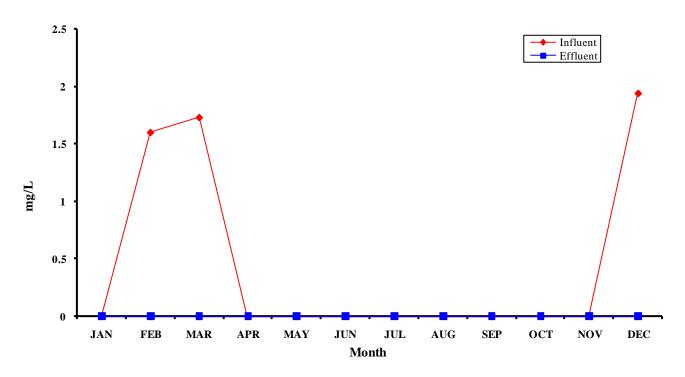
Settleable Solids (mL/L) 2009 Monthly Averages

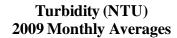


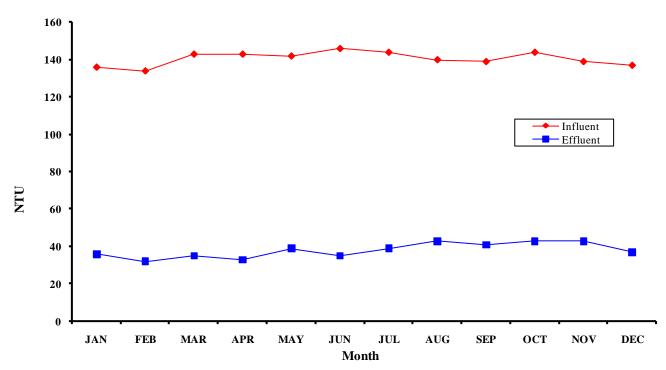
Hexane Extractable Material (mg/L) 2009 Monthly Averages



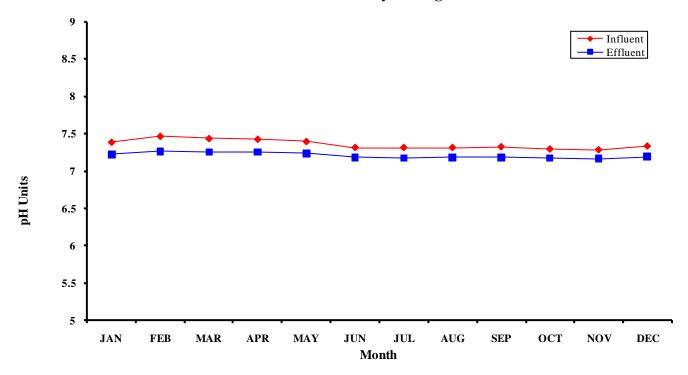
Floatables (mg/L) 2009 Monthly Averages



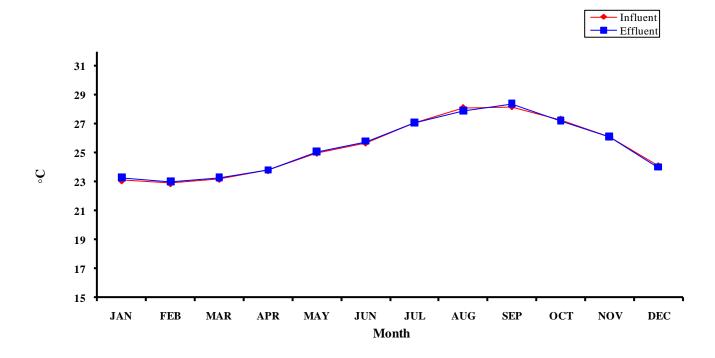




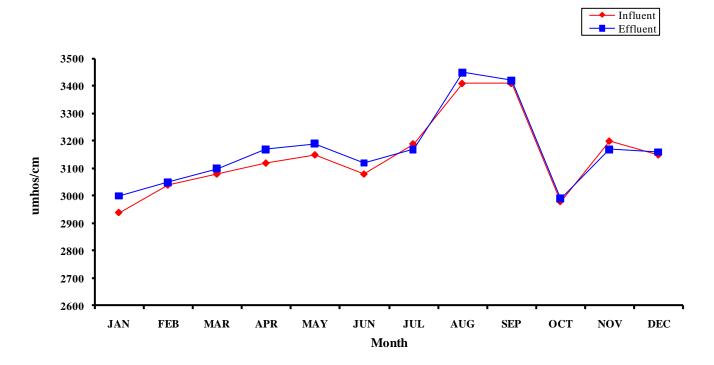
pН 2009 Monthly Averages



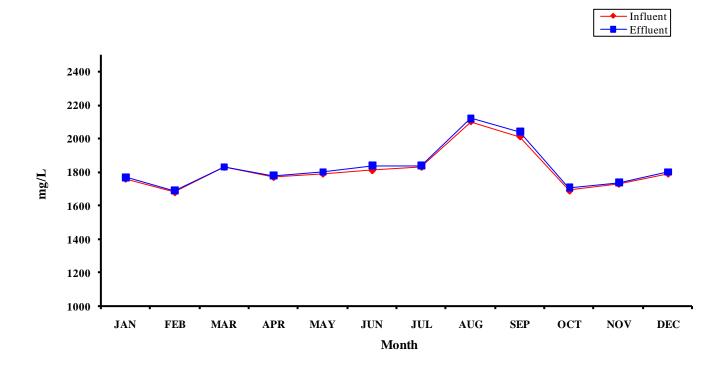
Temperature ($^{\circ}$ C) 2009 Monthly Averages



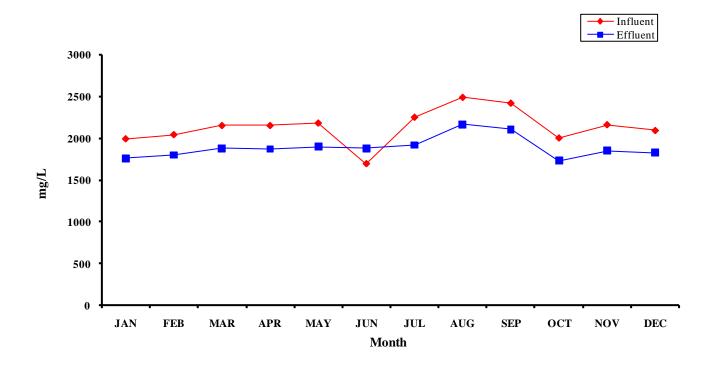
Conductivity (umhos/cm) 2009 Monthly Averages



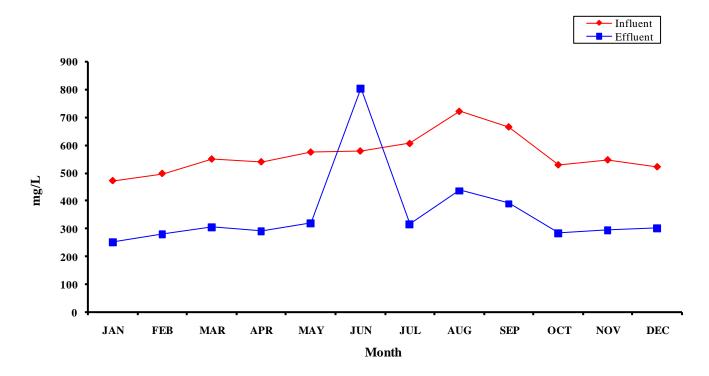
Total Dissolved Solids (mg/L) 2009 Monthly Averages



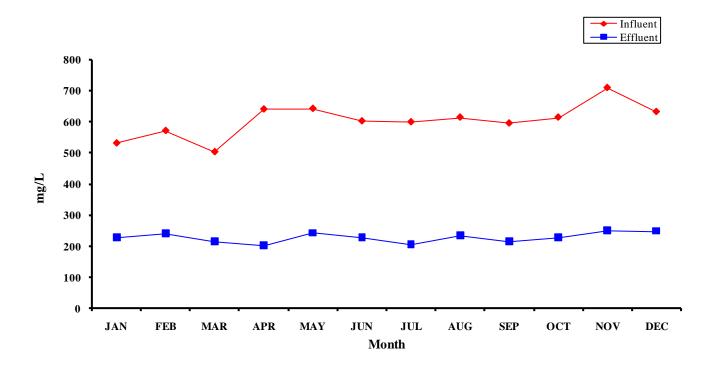
Total Solids (mg/L) 2009 Monthly Averages



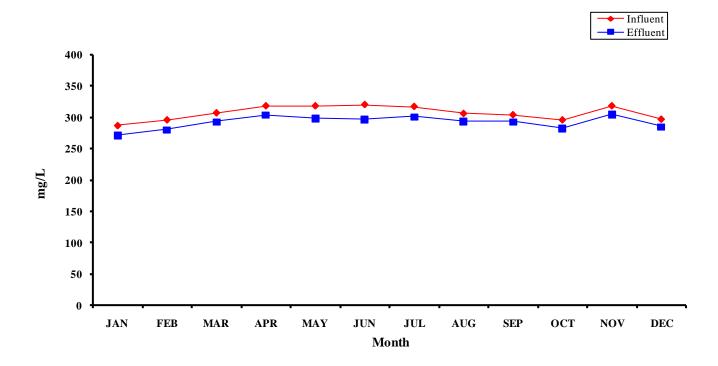
Total Volatile Solids (mg/L) 2009 Monthly Averages



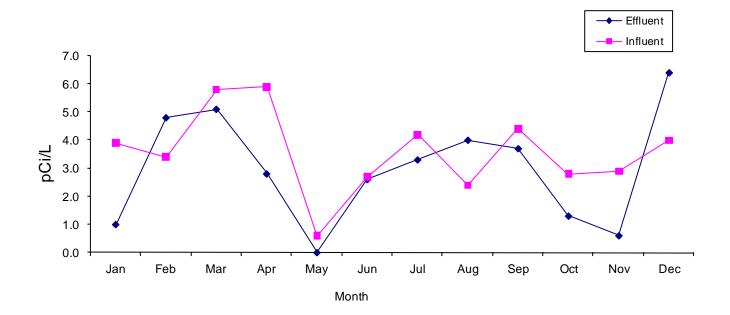
Chemical Oxygen Demand (mg/L) 2009 Monthly Averages



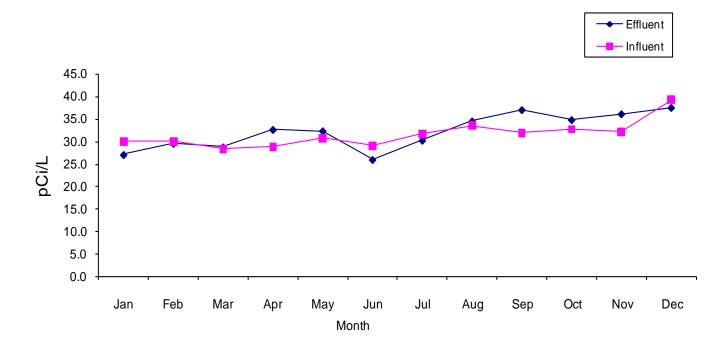
Alkalinity (mg/L) 2009 Monthly Averages



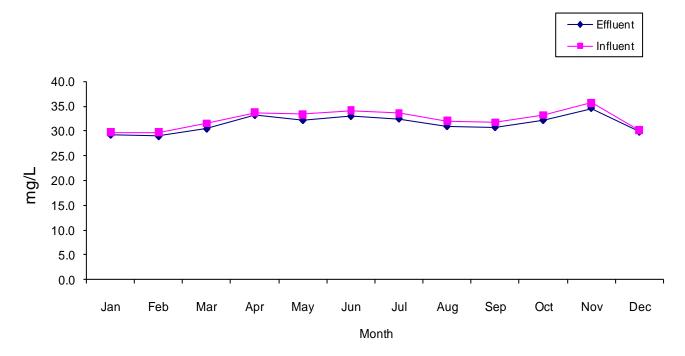
Point Loma Wastewater Treatment Plant 2009 Monthly Averages - Alpha Radiation



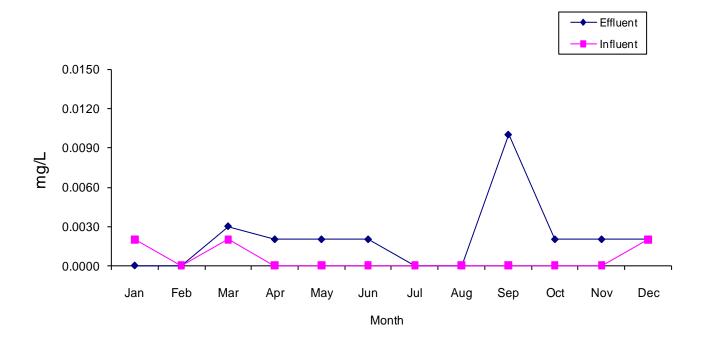
Point Loma Wastewater Treatment Plant 2009 Monthly Averages - Beta Radiation



Point Loma Wastewater Treatment Plant 2009 Monthly Averages - Ammonia-N

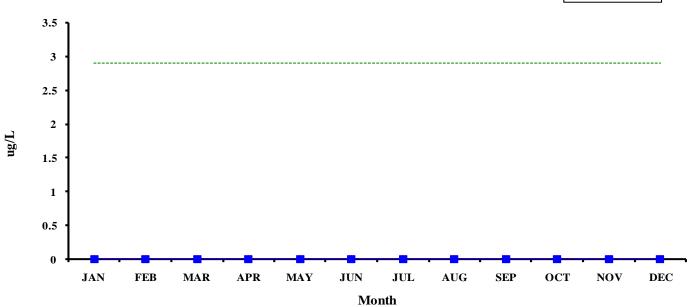


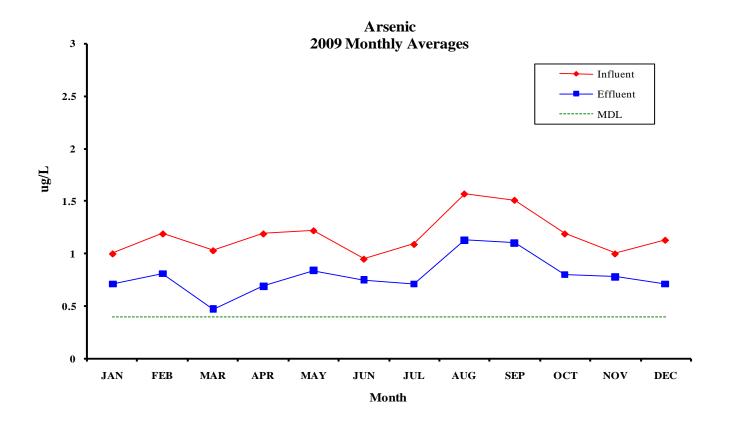
Point Loma Wastewater Treatment Plant 2009 Monthly Averages - Total Cyanides



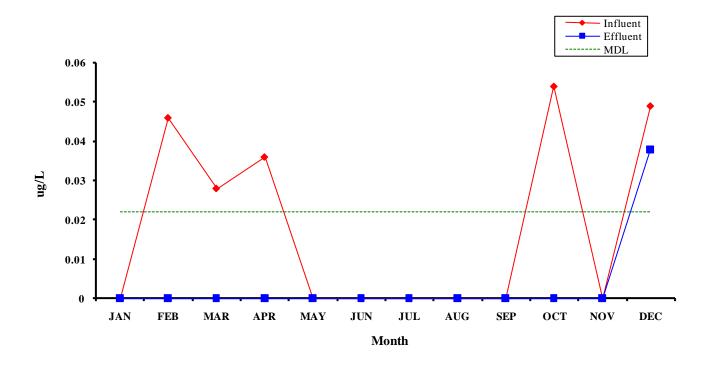
Antimony 2009 Monthly Averages



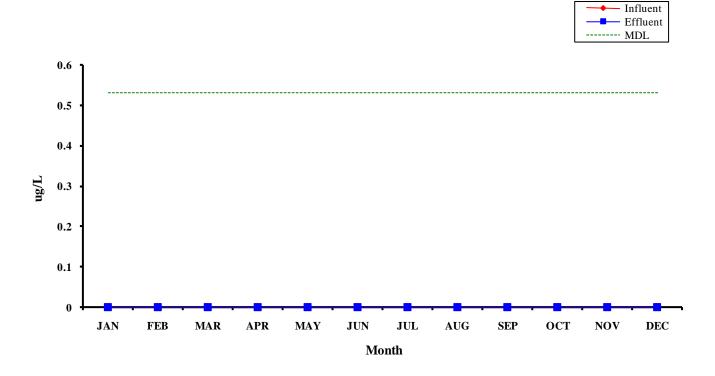




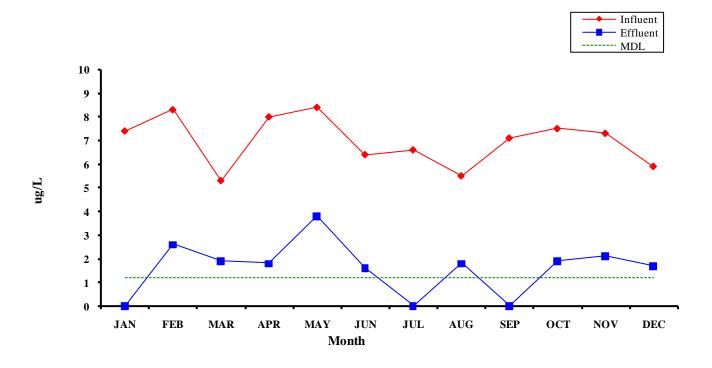
Beryllium 2009 Monthly Averages



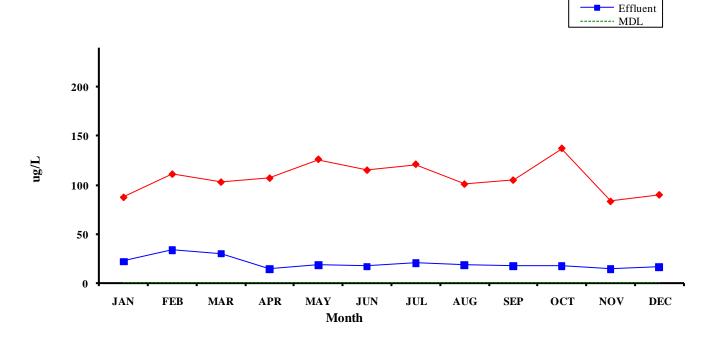
Cadmium 2009 Monthly Averages



Chromium 2009 Monthly Averages

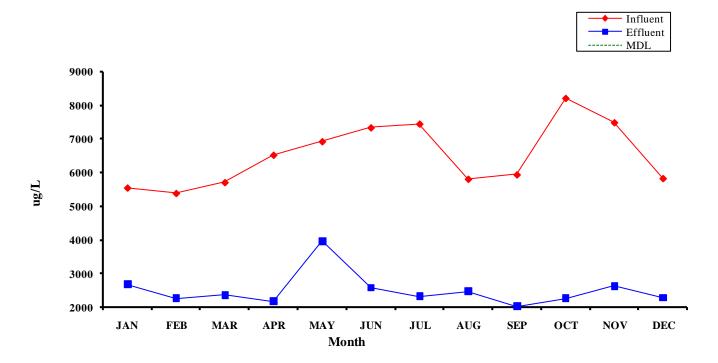


Copper 2009 Monthly Averages

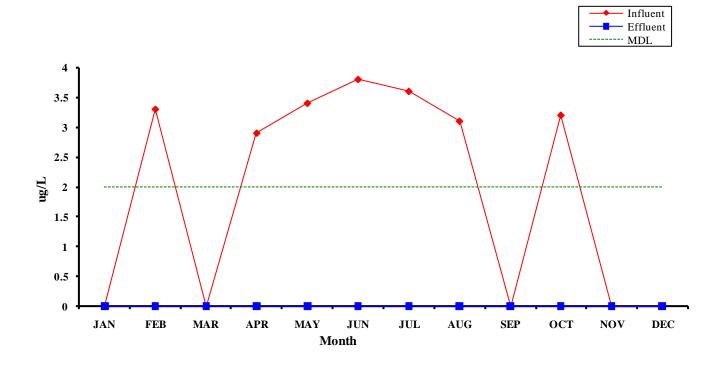


Influent

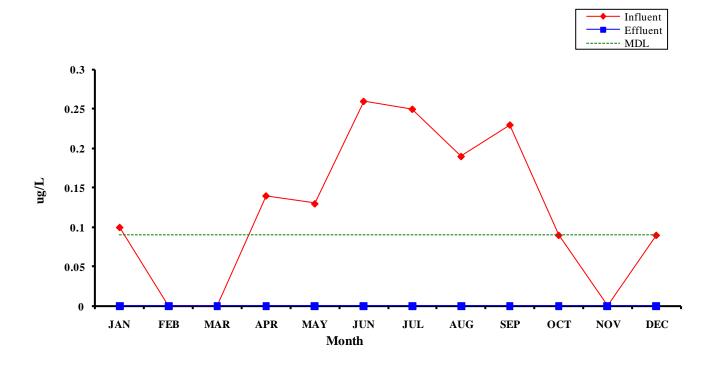
Iron 2009 Monthly Averages



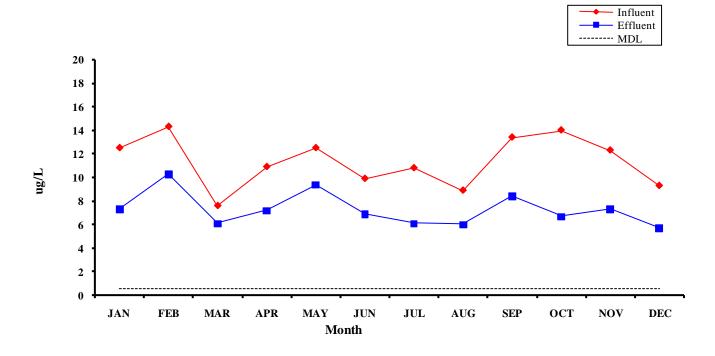
Lead 2009 Monthly Averages



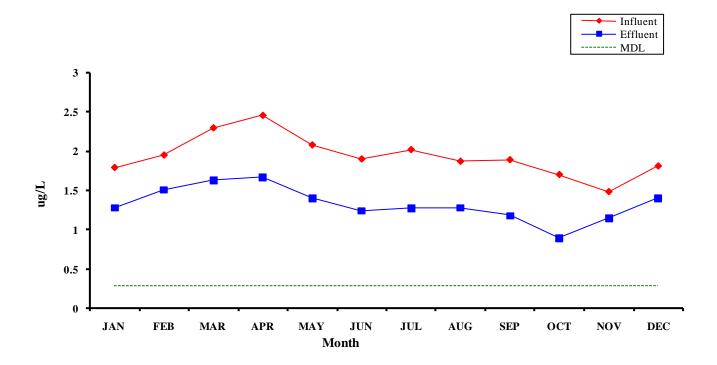
Mercury 2009 Monthly Averages



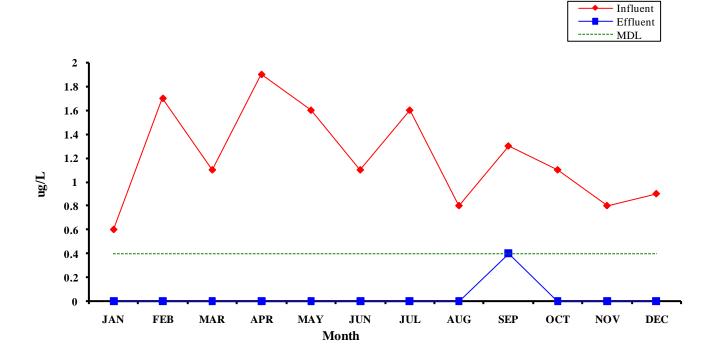
Nickel 2009 Monthly Averages



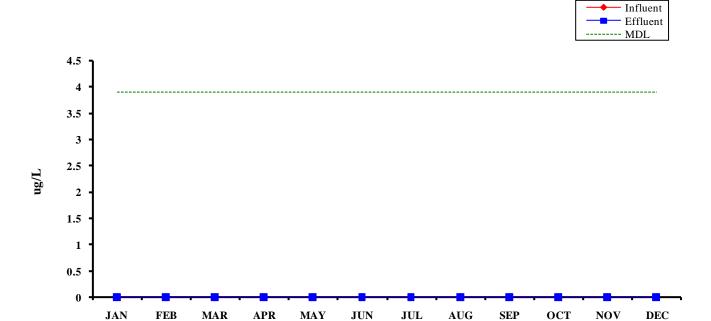
Selenium 2009 Monthly Averages



Silver 2009 Monthly Averages

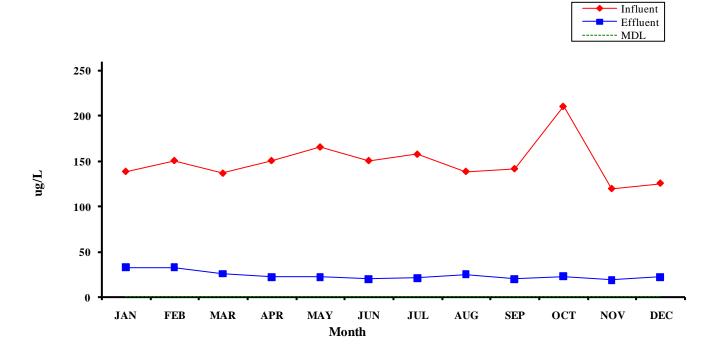


Thallium 2009 Monthly Averages

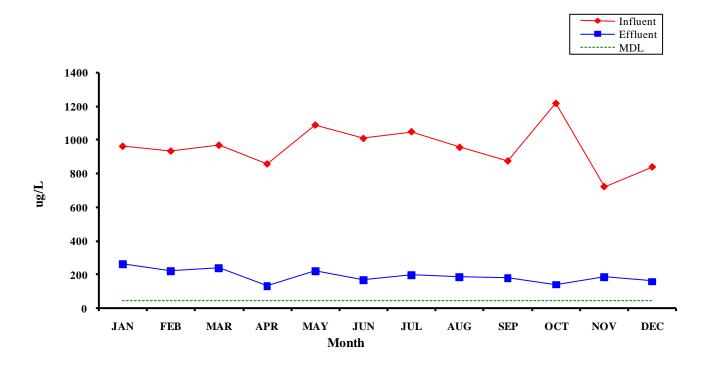


Zinc 2009 Monthly Averages

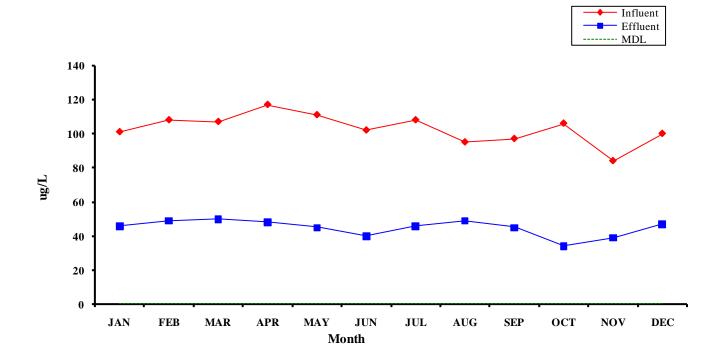
Month



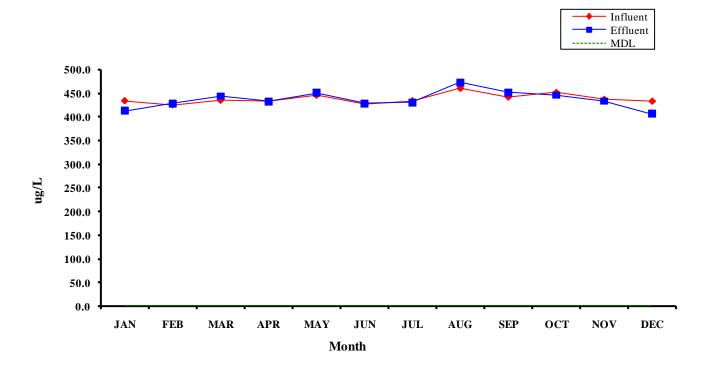
Aluminum 2009 Monthly Averages



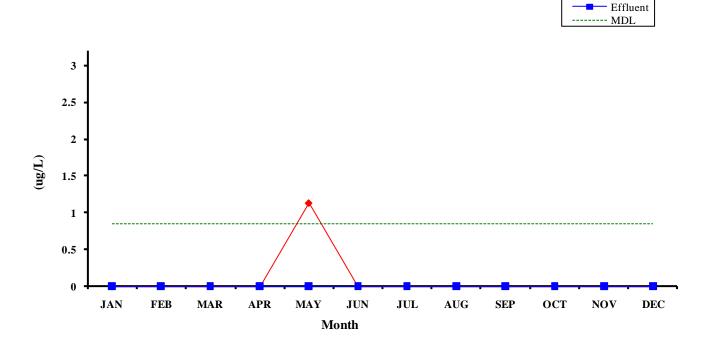
Barium 2009 Monthly Averages



Boron 2009 Monthly Averages

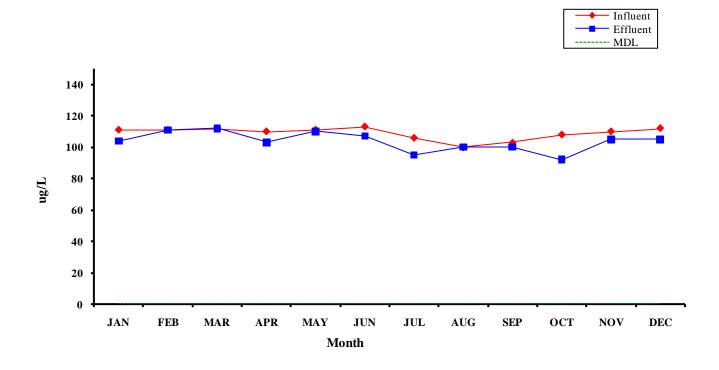


Colbalt 2009 Monthly Averages

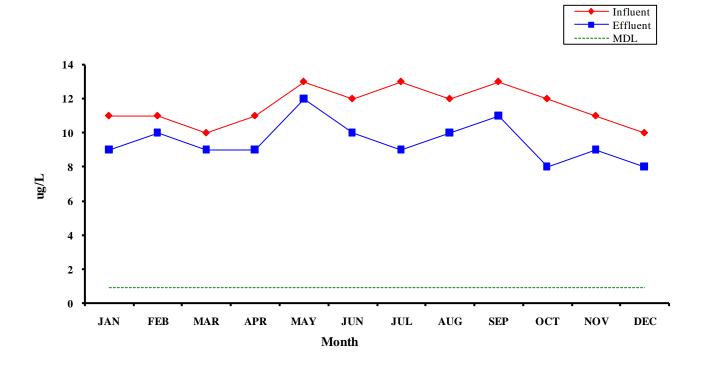


Influent

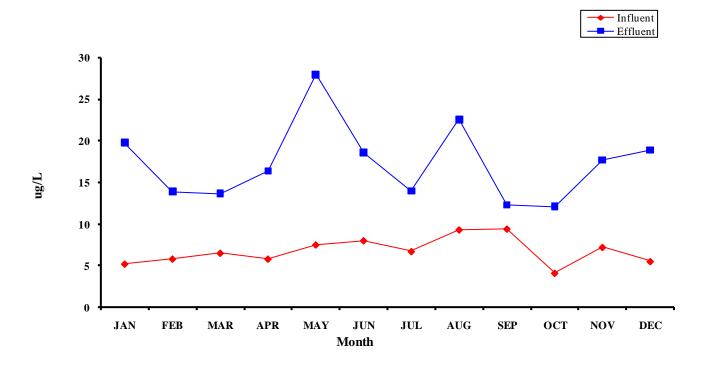
Manganese 2009 Monthly Averages



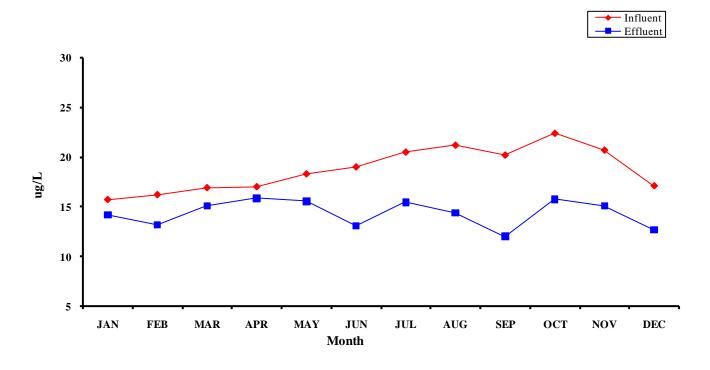
Molybdeum 2009 Monthly Averages



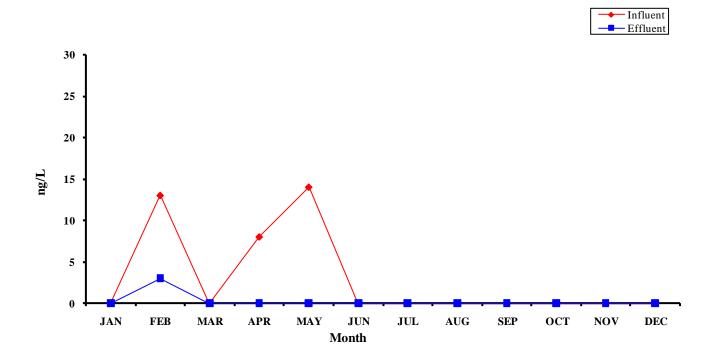
Purgeables 2009 Monthly Averages



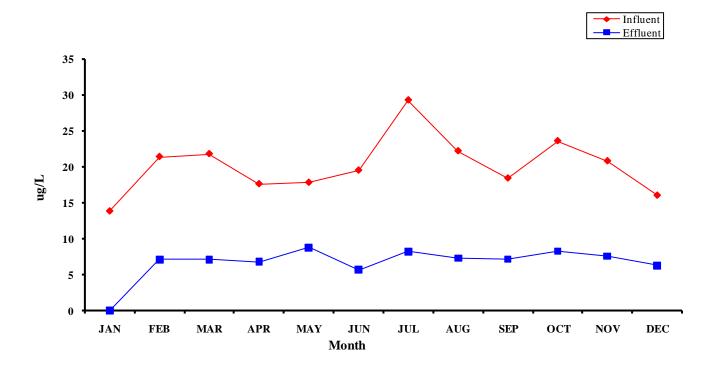
Phenols 2009 Monthly Averages



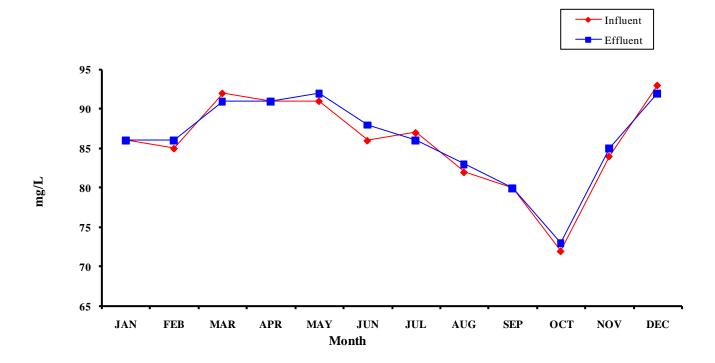
Total Chlorinated Hydrocarbons 2009 Monthly Averages



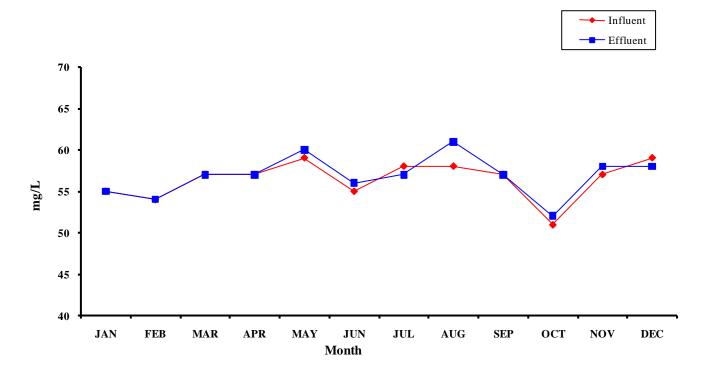
Base Neutrals 2009 Monthly Averages



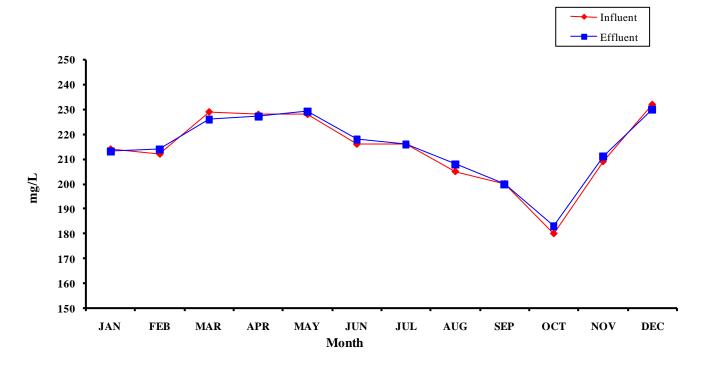
Calcium 2009 Monthly Averages



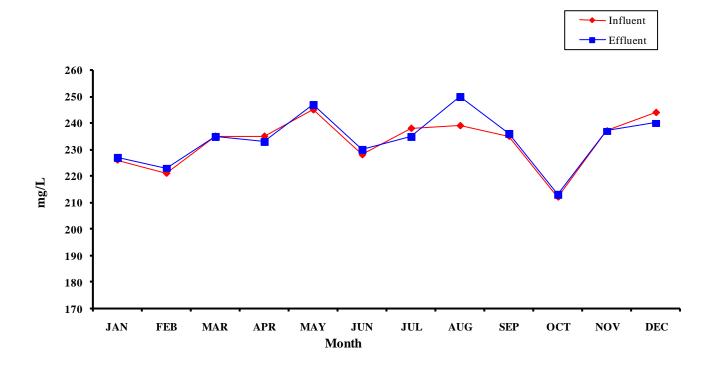
Magnesium 2009 Monthly Averages



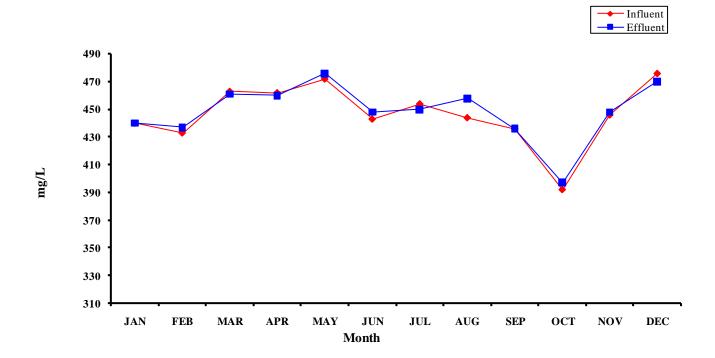
Calcium Hardness 2009 Monthly Averages



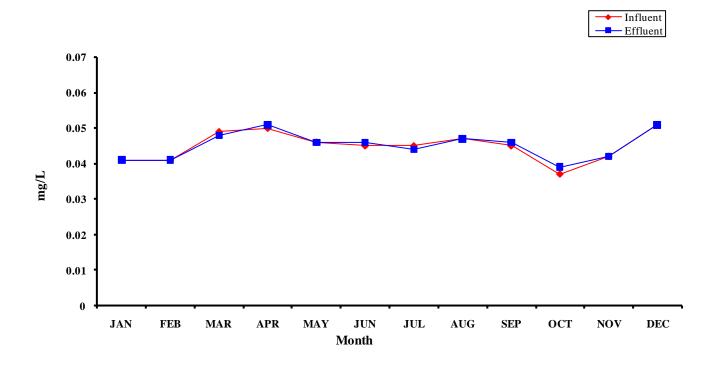
Magnesium Hardness 2009 Monthly Averages



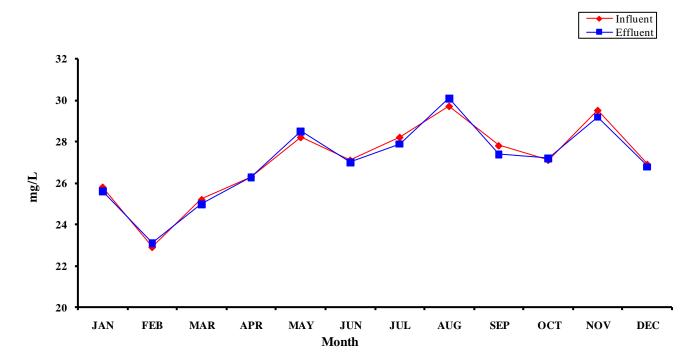
Total Hardness 2009 Monthly Averages



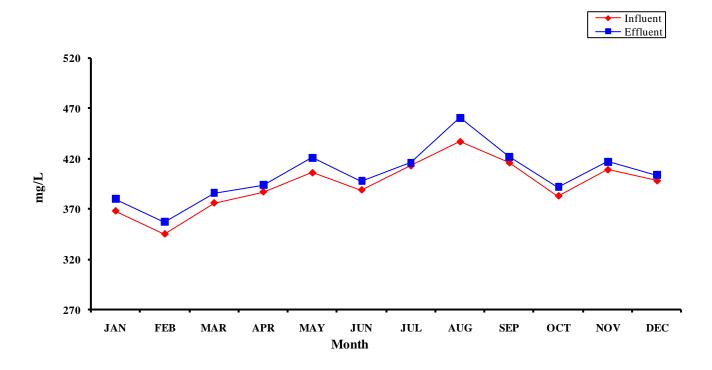
Lithium 2009 Monthly Averages



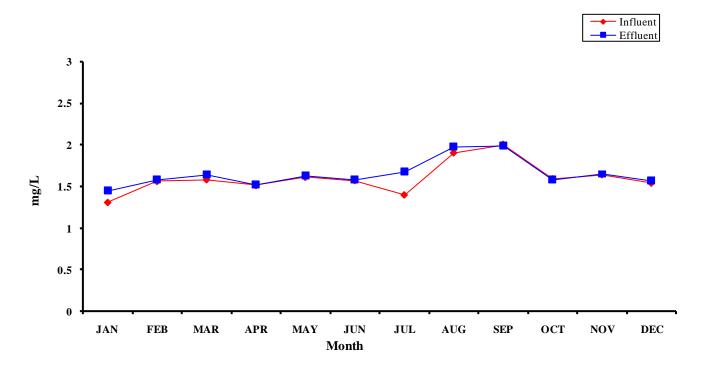
Potassium 2009 Monthly Averages



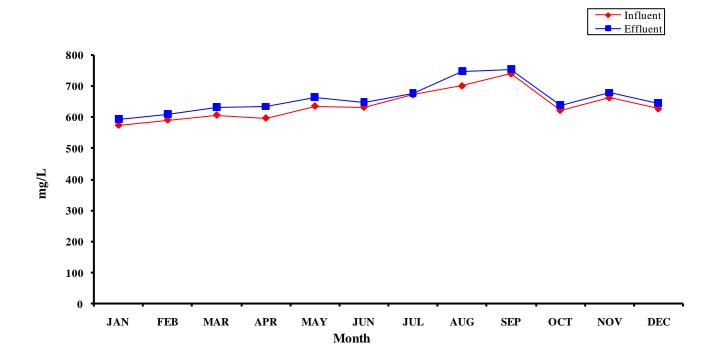
Sodium 2009 Monthly Averages



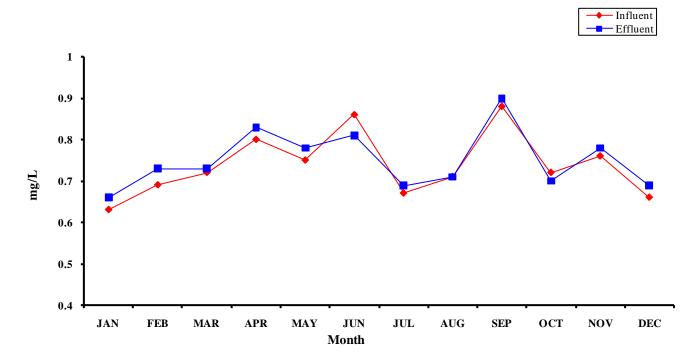
Bromide 2009 Monthly Averages



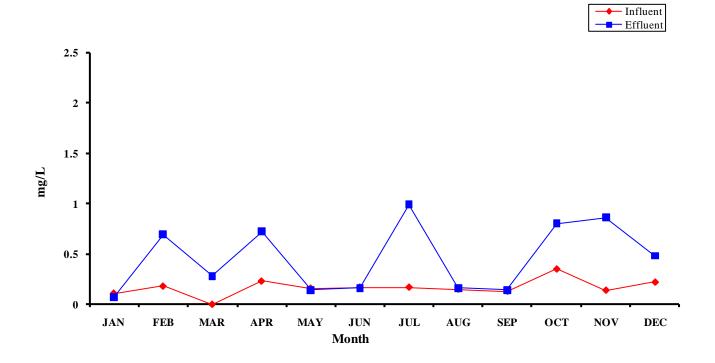
Chloride 2009 Monthly Averages



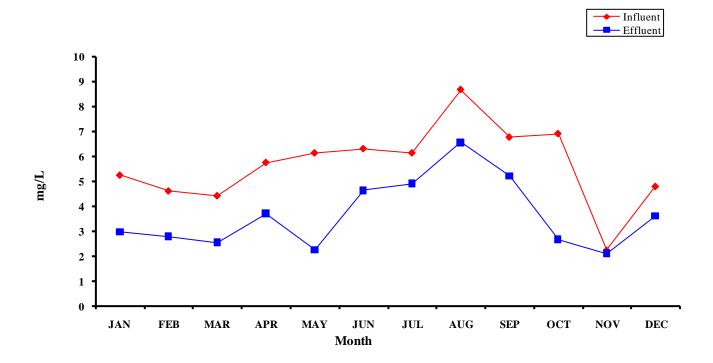
Fluoride 2009 Monthly Averages



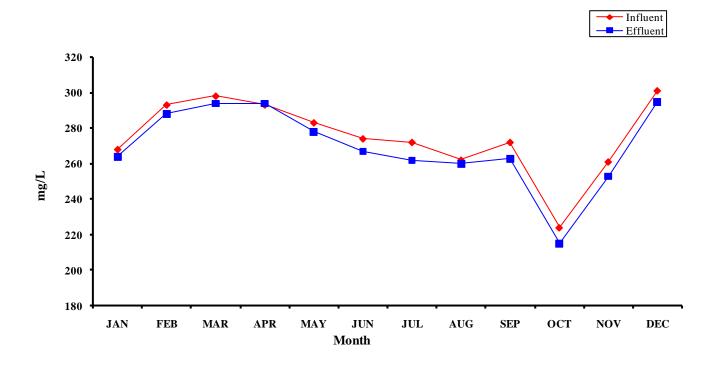
Nitrate 2009 Monthly Averages



O-Phosphate 2009 Monthly Averages



Sulfate 2009 Monthly Averages

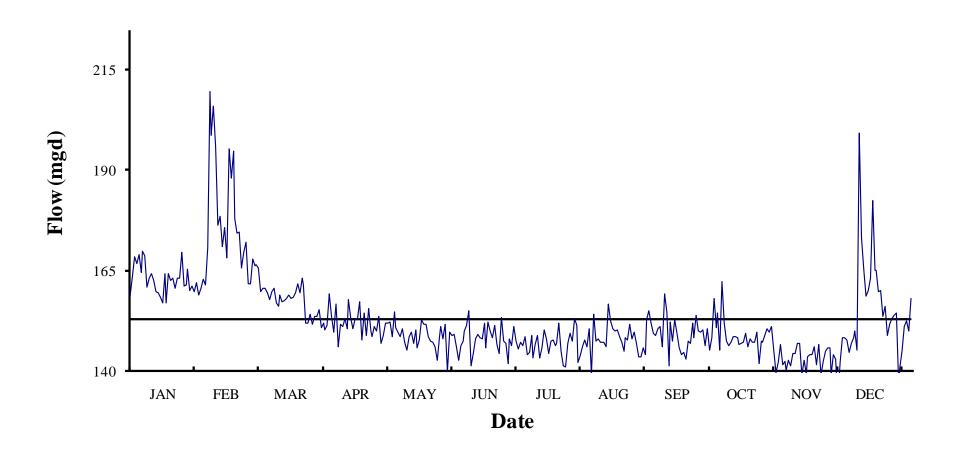




E. Daily Values of Selected Parameters

Daily values of selected parameters (e.g. TSS, Flow, TSS Removals, etc.) are tabulated and presented graphically; statistical summary information is provided. The straight horizontal lines on the graphs in this section represent annual means for the constituent.

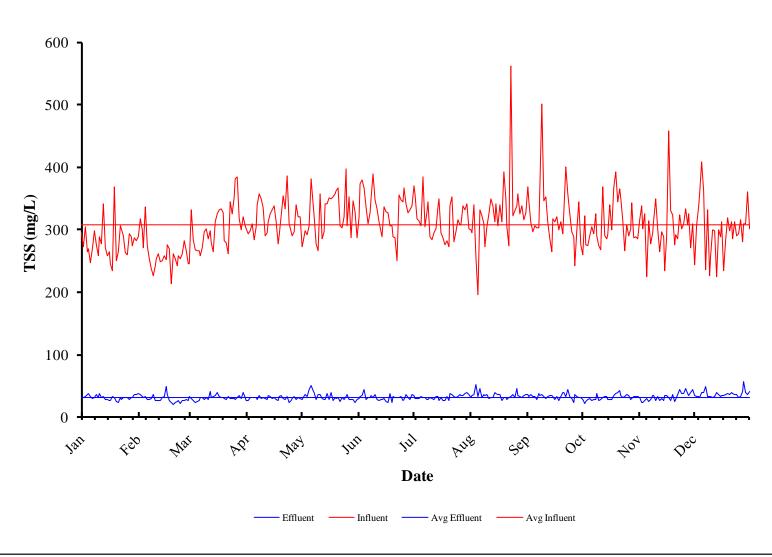
Point Loma Wastewater Treatment Plant 2009 Daily Flows (mgd)



Point Loma Wastewater Treatment Plant 2009 Flows (mgd)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	158.7	161.9	166.3	151.8	151.9	149.2	145.5	147.8	151.9	150.7	141.6	147.8	=
2	163.4	158.7	165.6	150.3	152.3	145.9	147.2	146.1	149.4	154.5	142.5	144.7	
3	168.5	160.6	159.8	151.5	148.5	142.7	146.4	150.5	148.7	145.1	140.0	146.8	
4	166.8	162.7	160.6	159.3	154.7	146.3	148.6	139.2	150.4	162.1	142.5	148.3	
5	168.8	161.4	160.4	153.7	150.8	147.5	143.9	154.1	151.1	151.8	141.3	149.9	
6	164.4	170.6	159.3	149.6	149.6	149.8	144.5	147.5	146.1	147.5	144.4	145.2	
7	169.7	209.5	157.7	156.7	148.6	151.3	148.9	148.0	159.1	146.2	144.4	199.2	
8	168.6	198.7	159.8	146.0	150.4	155.1	143.3	147.1	154.8	147.1	147.0	173.1	
9	160.9	205.9	160.7	151.6	147.2	141.2	146.7	147.0	141.1	148.5	146.9	165.2	
10	162.9	195.7	157.0	151.2	145.1	144.3	148.7	147.1	152.3	148.4	139.1	158.5	
11	164.2	176.2	156.0	153.1	148.6	147.9	143.2	146.0	147.4	148.3	142.5	160.1	
12	162.6	178.5	159.0	150.4	149.7	149.0	145.6	156.7	152.7	146.4	139.3	163.0	
13	159.7	171.0	157.2	157.8	146.8	148.3	150.2	152.3	149.3	146.9	143.5	182.3	
14	159.5	175.8	157.5	153.2	150.3	148.0	148.0	150.5	145.7	147.1	144.1	165.1	
15	158.3	168.1	158.1	150.4	145.6	151.8	144.3	149.8	144.1	149.4	144.1	165.1	
16	156.9	195.3	158.9	153.0	147.6	145.7	147.5	150.3	144.6	146.1	146.1	159.8	
17	164.1	187.9	158.0	152.6	152.8	152.3	147.7	148.6	142.9	148.0	141.5	160.0	
18	156.9	194.7	158.4	157.2	151.5	150.1	146.2	147.3	147.4	147.2	146.7	153.6	
19	164.1	178.0	159.4	147.6	151.5	148.3	146.9	144.9	146.9	147.2	139.1	156.0	
20	162.6	174.4	161.6	154.4	148.6	151.3	151.8	148.4	152.0	149.5	142.3	148.7	
21	163.0	174.6	159.4	148.7	147.4	146.5	145.0	147.6	148.3	141.9	145.0	151.6	
22	160.7	165.5	163.1	155.7	147.1	144.5	141.3	151.7	153.8	147.3	145.6	153.1	
23	163.1	169.5	161.4	149.8	146.1	153.4	141.0	147.9	150.0	147.1	145.8	153.8	
24	163.0	171.9	152.0	148.6	142.6	147.5	146.8	149.6	149.8	148.9	139.1	154.5	
25	169.5	161.7	152.0	150.9	148.7	146.9	149.3	146.9	150.1	150.5	144.2	137.1	
26	161.2	161.8	154.1	150.0	150.9	141.9	147.4	143.4	146.2	149.5	143.1	140.8	
27	161.3	167.8	151.6	153.6	147.9	148.1	153.0	143.6	150.4	151.1	132.9	145.0	
28	165.2	166.3	153.5	147.0	151.7	146.2	151.5	145.8	145.2	145.1	142.2	151.0	
29	159.9		153.5	148.9	139.9	151.1	142.2	144.1	148.2	139.6	148.4	152.6	
30	161.1		155.4	151.9	149.7	147.5	143.9	152.7	158.0	142.2	148.4	149.8	Annual
31	159.8		150.8		148.8		146.1	155.0		146.6		158.0	Summar
Average	162.9	175.9	158.0	151.9	148.8	148.0	146.5	148.3	149.3	148.0	143.1	156.1	153.1
Minimum	156.9	158.7	150.8	146.0	139.9	141.2	141.0	139.2	141.1	139.6	132.9	137.1	132.9
Maximum	169.7	209.5	166.3	159.3	154.7	155.1	153.0	156.7	159.1	162.1	148.4	199.2	209.5
Total	5049.1	4924.7	4898.1	4556.3	4612.8	4439.4	4542.7	4597.5	4477.7	4588.0	4293.2	4839.6	55819.0

Point Loma Wastewater Treatment Plant 2009 Total Suspended Solids

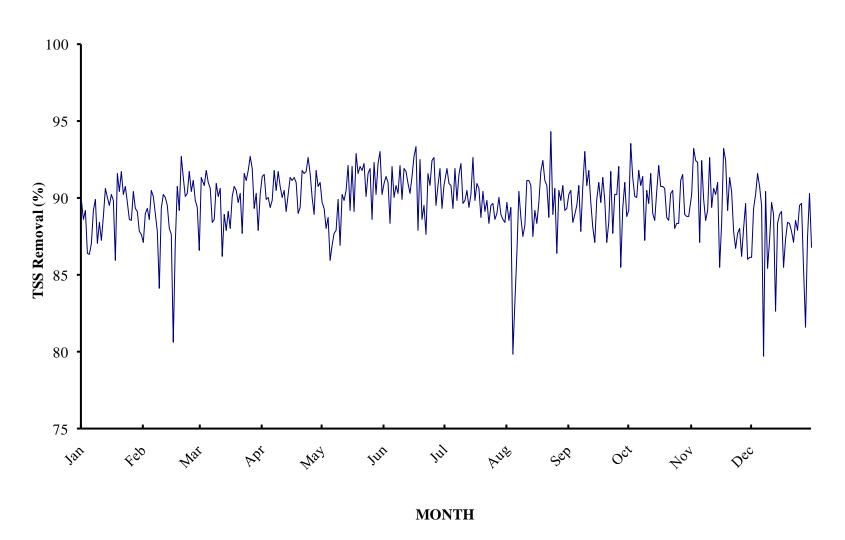


Point Loma Wastewater Treatment Plant

2009 Total Suspended Solids (mg/L)

	Ja	n	Fe	eb	M	[ar	A		M		ı	ın	Jı		ı	ug	Se	ер	0	ct	N	ov	D	ec			
Day			Inf				Inf			•						•	Inf					Eff					
	295			37	246	33	301	26	273	28	320	29	370	34	300	31	368	36	260	28	316	31	244	34			
	272			35	332	29	294	25	280	30	373	32	357	29	295	34	347	33	323	21	339	23	308	33			
3	305	33	300	32	284	26	298	30	299	36	379	34	318	29	340	36	311	36	276	24	302	23	336	33			
	265			31	268	22	310	31	292	33	367	43	314	29	257	52	297	33	274	27	325	25	357	30			
5	270	37	337	32	267	24	284	30	306	43	336	27	307	33	196	33	306	32	290	29	225	29	408	38			
6	247	32	274	27	266	25	304	31	381	50	309	31	384	31	332	45	303	28	304	25	314	24	363	38			
7	269	29	254	28	259	30	340	28	342	42	327	30	305	31	323	31	303	37	293	27	278	28	236	48			
8	298	30	237	29	271	31	357	34	323	39	350	34	328	28	309	35	366	34	326	28	295	34	332	32			
9	276	36	226	36	296	27	350	29	277	28	390	31	345	27	273	34	502	35	290	37	316	34	226	33			
10	258	30	243	26	302	30	335	31	267	35	348	35	289	30	305	36	347	32	275	26	350	26	258	33			
11	288	37	254	25	286	27	291	29	358	35	334	27	284	29	325	29	352	29	268	28	302	32	300	31			
12	277	31	261	26	298	41	295	28	285	29	312	26	295	28	350	31	311	32	368	31	265	25	298	33			
13	341	32	248	26	279	31	313	34	296	28	296	27	302	32	338	31	285	34	290	32	296	29	224	39			
14	271		250	30	265	32	325	32	342	27	288	28	337	33	312	39	264	34	286	33	289	26	300	35			
	258		259	32	312	34	332	29	342	37	336	29	350	26	342	37	317	32	292	28	235	34	289	32			
	264			49	325	39	338	30	351	28	328	24	295	30	307	36	312	28	340	27	291	34	313	34			
	245			36	332	33	312	27	349	38	327	22	287	26	340	35	321	33	300	28	458	31	234	34			
	234			25	333	31	277	25	352	25	306	37	276	26	312	26	300	26	367	34	330	25	283	36			
			213	23	327	31	290	32	358	30	306	23	282	32	393	30	313	32	392	37	324	35	319	37			
	251			19	282	29	322	34	362	29	289	33	272	26	350	31	294	38	344	39	276	24	299	35			
	264			22	279	27	354	29	367	30	287	30	338	37	305	28	327	38	366	42	292	28	312	38			
	306			24	261	32	333	28	307	24	250	31	353	36	274	31	400	33	351	34	286	35	286	37			
_	301 290		258	25 21	344 325	29 29	386	32 23	303 321	30 27	356 348	30	281	33	562 323	32	357 326	44 32	316 266	30	324 301	43 37	313 290	36 35			
	263			25	353	29	296	25	397	32	344	32 26	296316	31	330	36 31	297	29	308	32 36	309	37	290	31			
	260			25	382	28	290	29	306	35	367	27	308	35	338	46	289	23	290	34	334	46	316	33			
	293		266	27	385	31	296	33	352	27	342	36	308	34	358	34	242	35	302	27	308	37	281	41			
	289		246	26	317	34	340	28	287	28	327	30	339	34	325	33	298	32	343	29	326	34	310	57			
	274	30		20	300	29	321	30	346	27	332	27	332	37	338	31	344	31	287	32	271	38	309	39			
	287	35			321	39	321	29	328	23	338	36	342	39	316	34	276	31	289	32	310	43	360	35	Sun	nmary	٦
	282	35			306	30			287	28			302	35	327	35			286	32			302	40	Inf	Eff]
Avg	279	31	263	29	303	30	317	29	324	32	330	30	317	31	326	34	323	33	308	31	306	32	300	36	284		9]
Min				19	246	22	277	23	267	23	250	22	272	26	196	26	242	23	260	21	225	23	224	30	196		
Max	369	37	337	49	385	41	386	34	397	50	390	43	384	39	562	52	502	44	392	42	458	46	408	57	562	2 57	\Box

Point Loma Wastewater Treatment Plant 2009 TSS Removal (%) at Point Loma

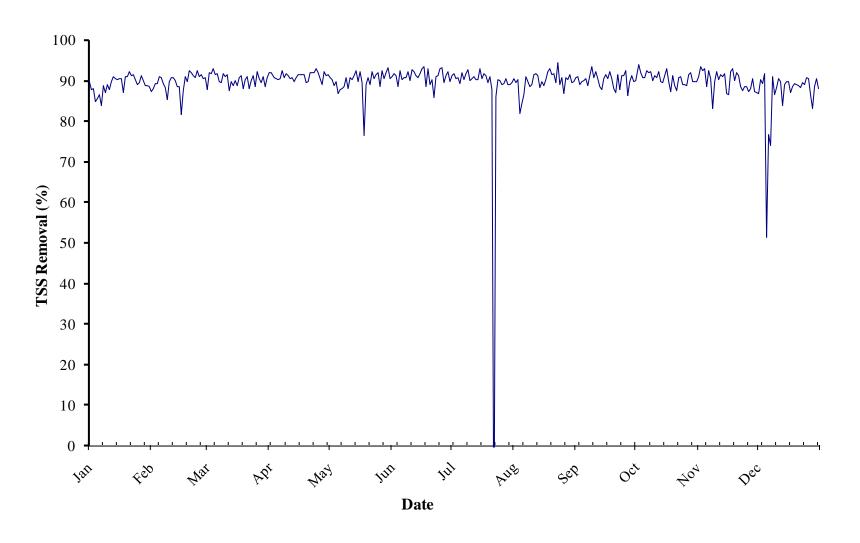


Point Loma Wastewater Treatment Plant

2009 Total Suspended Solids Removals (%) at Point Loma

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Day	% Rem												
1	90	87	87	91	90	91	91	90	90	89	90	86	
2	89	89	91	92	89	91	92	89	91	94	93	89	
3	89	89	91	90	88	91	91	89	88	91	92	90	
4	86	89	92	90	89	88	91	80	89	90	92	92	
5	86	91	91	89	86	92	89	83	90	90	87	91	
6	87	90	91	90	87	90	92	86	91	92	92	90	
7	89	89	88	92	88	91	90	90	88	91	90	80	
8	90	88	89	91	88	90	92	89	91	91	89	90	
9	87	84	91	92	90	92	92	88	93	87	89	85	
10	88	89	90	91	87	90	90	88	91	91	93	87	
11	87	90	91	90	90	92	90	91	92	90	89	90	
12	89	90	86	91	90	92	91	91	90	92	91	89	
13	91	90	89	89	91	91	89	91	88	89	90	83	
14	90	88	88	90	92	90	90	88	87	89	91	88	
15	90	88	89	91	89	91	93	89	90	90	86	89	
16	90	81	88	91	92	93	90	88	91	92	88	89	
17	90	87	90	91	89	93	91	90	90	91	93	86	
18	86	91	91	91	93	88	91	92	91	91	92	87	
19	92	89	91	89	92	93	89	92	90	91	89	88	
20	90	93	90	89	92	89	90	91	87	89	91	88	
21	92	91	90	92	92	90	89	91	88	89	90	88	
22	90	90	88	92	92	88	90	89	92	90	88	87	
23	91	90	92	92	90	92	88	94	88	91	87	89	
24	90	92	91	93	92	91	90	89	90	88	88	88	
25	89	90	92	92	92	92	90	91	90	88	88	90	
26	89	91	93	90	89	93	89	86	92	88	86	90	
27	90	90	92	89	92	90	89	91	86	91	88	85	
28	89	89	89	92	90	91	90	90	89	92	90	82	
29	89		90	91	92	92	89	91	91	89	86	87	
30	88		88	91	93	89	89	89	89	89	86	90	Annu
31	88		90		90		88	89		89		87	Summa
Avg	89	89	90	91	90	91	90	89	90	90	90	88	90
Min	86	81	86	89	86	88	88	80	86	87	86	80	80
Max	92	93	93	93	93	93	93	94	93	94	93	92	94

Point Loma Wastewater Treatment Plant 2009 TSS Removal (%) Systemwide

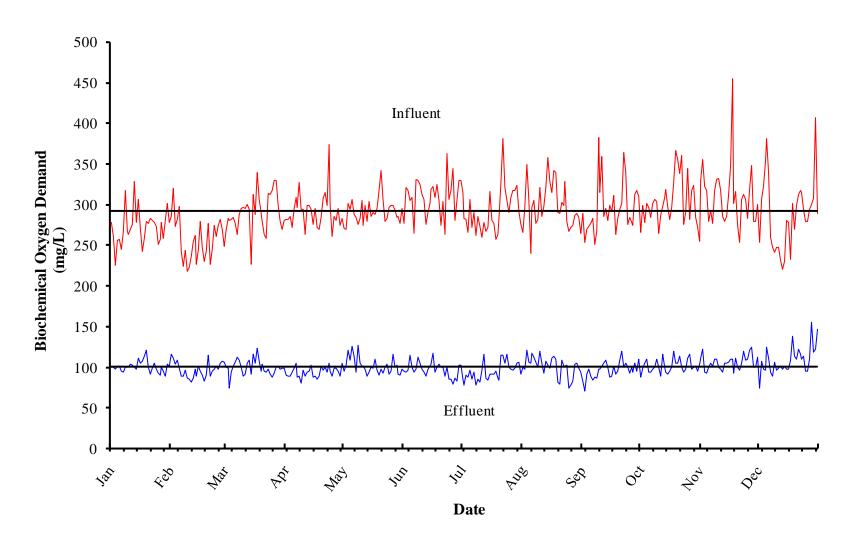


Point Loma Wastewater Treatment Plant

2009 Total Suspended Solids Removals (%) Systemwide

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Day	% Rem												
1	90	87	88	92	91	91	91	91	91	90	91	87	
2	88	88	92	92	90	92	92	90	91	94	94	90	
3	88	89	92	91	89	91	91	90	89	92	93	89	
4	85	89	93	91	90	89	91	82	90	91	93	92	
5	86	91	92	90	87	93	89	85	90	91	89	51	
6	87	91	92	91	88	90	92	87	91	93	93	77	
7	84	89	90	93	88	91	90	91	89	92	91	74	
8	89	88	90	91	89	91	92	90	91	92	83	91	
9	87	86	92	92	91	92	93	89	93	90	90	87	
10	89	90	91	91	88	90	90	89	91	91	92	88	
11	88	91	92	91	91	93	91	92	92	91	90	91	
12	90	91	88	91	90	92	91	92	91	92	92	90	
13	91	90	90	90	91	91	90	91	89	90	91	84	
14	91	89	89	91	93	91	90	88	88	90	92	89	
15	90	89	90	92	90	92	93	90	91	91	87	90	
16	91	82	89	92	92	93	91	89	92	93	87	90	
17	91	88	91	92	90	93	92	90	91	90	92	87	
18	87	91	91	92	77	89	91	92	92	87	93	89	
19	91	90	88	90	89	93	90	93	91	91	90	89	
20	91	93	90	90	91	89	91	92	88	89	92	89	
21	92	92	91	92	89	90	88	92	87	88	91	89	
22	91	91	88	92	92	86	-27	90	92	91	89	88	
23	92	91	90	92	91	91	86	95	88	91	88	90	
24	90	93	91	93	92	91	90	89	91	89	89	89	
25	89	91	89	92	92	93	90	91	91	89	89	91	
26	90	92	92	91	89	93	89	87	93	89	87	91	
27	91	91	91	89	93	90	89	91	86	92	88	87	
28	90	91	90	92	91	91	91	90	90	92	91	83	
29	89		91	91	92	92	89	92	91	90	87	89	
30	89		89	92	93	90	89	90	90	90	87	91	Annual
31	89		91	_	91	-	90	90		90		88	Summary
Avg	89	90	90	91	90	91	87	90	90	91	90	87	90
Min	84	82	88	89	77	86	-27	82	86	87	83	51	-27
Max	92	93	93	93	93	93	93	95	93	94	94	92	95

Point Loma Wastewater Treatment Plant 2009 Biochemical Oxygen Demand

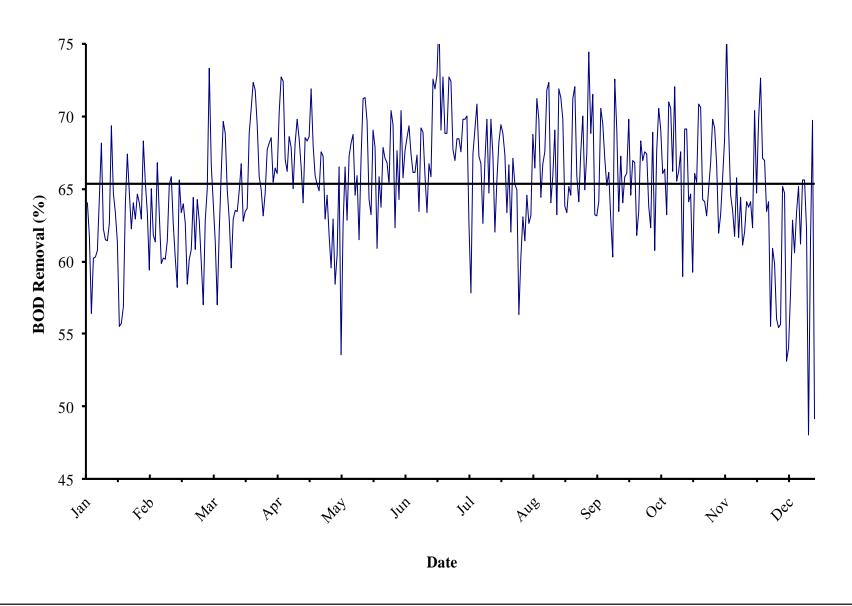


Point Loma Wastewater Treatment Plant

2009 Biochemical Oxygen Demand (mg/L)

	Ja	n	Fel	b	M	ar	A	pr	M	ay	Ju	ın	Jı	ıl	A	ug	Se	ер	О	ct	N	ov	De	ec		
Day	Inf	Eff																								
1	278	100	286	116	269	100	282	91	271	96	277	96	315	86	266	101	289	83	266	88	330	112	254	75		
2	261	100	320	112	283	99	282	90	270	103	321	95	283	78	298	98	254	71	299	99	355	123	306	108		
3	225	98	273	104	281	75	286	90	302	122	317	97	282	91	349	121	270	92	278	106	322	94	324	98		
4	256	102	282	109	282	94	272	94	294	109	305	115	266	88	305	107	273	98	301	110	317	93	354	97		
5	257	102	298	99	284	102	295	99	306	127	309	100	307	97	240	105	277	90	297	94	280	100	381	125		
6	245	96	242	89	277	107	309	105	288	114	265	95	272	86	297	118	283	85	284	94	293	105	339	112		
7	267	95	224	90	263	113	296	88	284	95	331	98	290	94	305	113	251	88	302	98	277	102	260	95		
8	317	101	244	97	288	109	327	89	276	128	330	113	262	79	277	107	267	87	307	100	317	111	248	89		
9	267	101	218	87	295	100	294	81	283	106	325	105	285	86	282	100	383	98	304	110	331	110	241	107		
10	263	101	223	86	296	90	294	97	305	102	312	98	273	82	321	120	315	98	265	100	332	100	248	97		
11	270	104	236	82	295	92	263	89	275	102	307	94	260	97	285	105	359	102	287	89	318	98	247	99		
12	276	103	255	87	300	105	299	94	299	98	276	90	278	117	298	93	285	105	298	117	286	95	232	102		
13	329	101	262	98	294	109	299	96	279	89	290	98	267	87	321	108	295	109	309	100	279	106	220	98		
14	278	98	226	90	227	92	294	103	304	95	301	102	272	84	358	103	281	101	319	94	285	105	230	102		
15	306	112	244	102	313	116	276	88	285	101	319	104	316	92	328	99	299	88	298	92	312	107	281	98		
16	271	105	279	96	288	105	295	89	290	99	322	118	281	92	315	112	292	89	282	96	348	110	278	98		
17	243	108	248	91	339	124	272	86	288	111	309	95	277	92	342	114	311	102	297	100	455	111	233	109		
18	258	114	230	83	307	108	269	90	295	97	325	101	257	96	339	110	264	92	327	120	301	93	302	139		
19	280	121	243	91	289	96	284	102	317	91	305	104	263	87	291	82	283	96	366	106	316	112	270	114		
20	277	100	277	115	279	104	308	97	342	98	275	101	282	85	289	80	294	109	356	105	274	100	299	111		
21	283	92	226	90	263	96	315	100	306	93	304	101	326	115	303	109	302	120	338	114	254	97	313	123		
22	281	99	245	96	258	94	299	94	279	100	263	90	381	115	299	102	364	100	361	101	306	105	317	116		
23	278	105	275	98	314	98	374	105	283	104	363	100	321	105	329	102	340	105	276	95	313	120	315	110		
24	273	98	261	102	312	92	300	96	297	92	306	86	305	116	280	103	276	101	290	98	306	109	294	114		
25	251	93	274	98	318	88	261	89	299	96	317	86	291	100	267	75	284	93	345	112	283	110	279	96		
26	257	91	282	105	330	93	285	99	299	117	345	80	309	98	272	78	278	100	282	116	319	121	279	96		
27	278	100	269	108	330	101	281	99	293	100	281	87	317	97	275	83	275	94	318	98	348	125	294	111		
28	259	96	249	107	299	102	295	96	284	103	305	83	317	99	287	104	312	106	324	100	279	101	300	156		
29	281	89			279	98	274	90	286	92	330	103	324	106	289	106	318	96	284	102	279	100	308	119		
30	301	104			269	99	283	105	277	91	330	103	292	107	284	99	310	110	272	96	300	113	407	123	Sum	
31	278	102			281	99			295	98			276	92	265	94			255	104			289	147	Inf	Eff
Avg	272	101	257	97	291	100	292	94	292	102	309	98	292	95	300	102	296	97	304	102	311	106	288	108	295	100
Min	225	89	218	82	227	75	261	81	270	89	263	80	257	78	240	75	251	71	255	88	254	93	220	75	220	71
Max	329	121	320	116	339	124	374	105	342	128	363	118	381	117	358	121	383	120	366	120	455	125	407	156	455	156

Point Loma Wastwater Treatment 2009 BOD Removal (%) at Point Loma

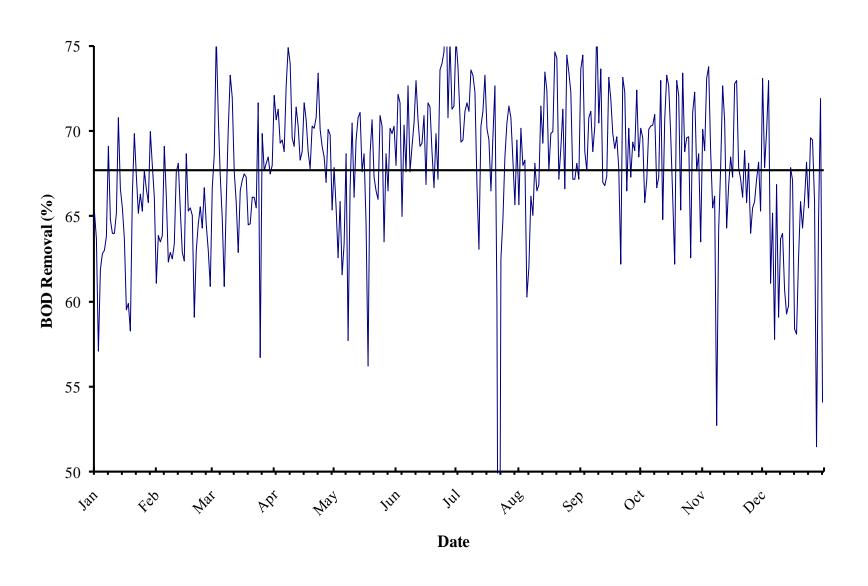


Point Loma Wastewater Treatment Plant

2009 Biochemical Oxygen Demand Removals (%) at Point Loma

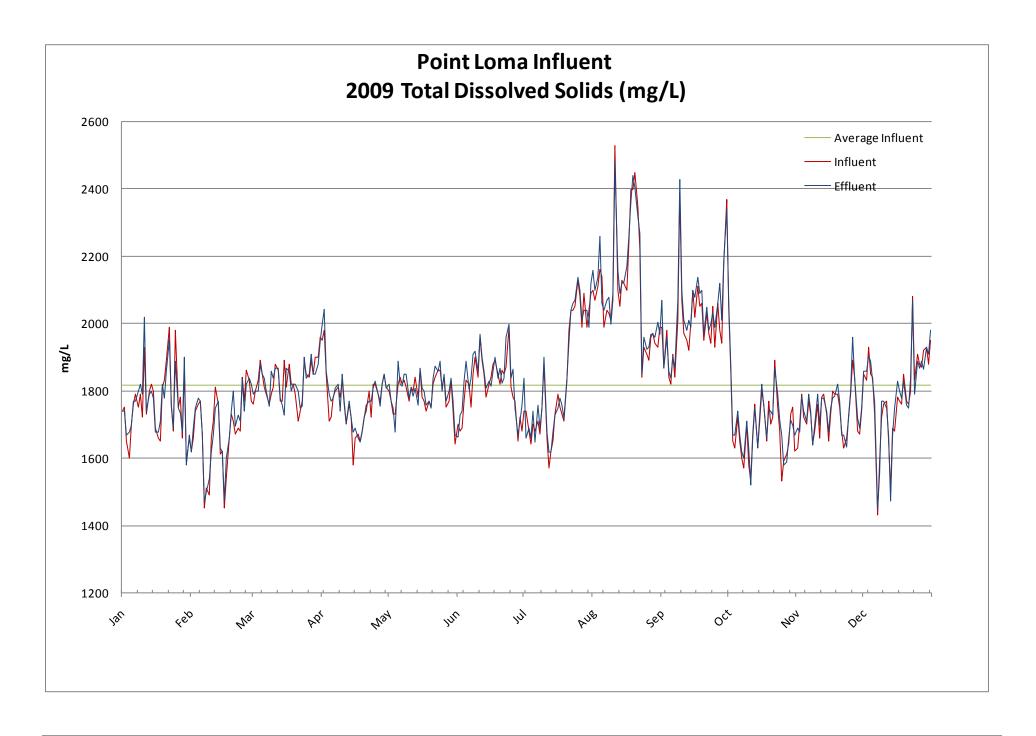
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Day	% Rem	_											
1	64	59	63	68	65	65	73	62	71	67	66	70	
2	62	65	65	68	62	70	72	67	72	67	65	65	
3	56	62	73	69	60	69	68	65	66	62	71	70	
4	60	61	67	65	63	62	67	65	64	63	71	73	
5	60	67	64	66	58	68	68	56	68	68	64	67	
6	61	63	61	66	60	64	68	60	70	67	64	67	
7	64	60	57	70	67	70	68	63	65	68	63	63	
8	68	60	62	73	54	66	70	61	67	67	65	64	
9	62	60	66	72	63	68	70	65	74	64	67	56	
10	62	61	70	67	67	69	70	63	69	62	70	61	
11	61	65	69	66	63	69	63	63	72	69	69	60	
12	63	66	65	69	67	67	58	69	63	61	67	56	
13	69	63	63	68	68	66	67	66	63	68	62	55	
14	65	60	60	65	69	66	69	71	64	71	63	56	
15	63	58	63	68	65	67	71	70	71	69	66	65	
16	61	66	64	70	66	63	67	64	70	66	68	65	
17	56	63	63	68	62	69	67	67	67	66	76	53	
18	56	64	65	67	67	69	63	68	65	63	69	54	
19	57	63	67	64	71	66	67	72	66	71	65	58	
20	64	58	63	69	71	63	70	72	63	71	64	63	
21	67	60	63	68	70	67	65	64	60	66	62	61	
22	65	61	64	69	64	66	70	66	73	72	66	63	
23	62	64	69	72	63	73	67	69	69	66	62	65	
24	64	61	71	68	69	72	62	63	63	66	64	61	
25	63	64	72	66	68	73	66	72	67	68	61	66	
26	65	63	72	65	61	77	68	71	64	59	62	66	
27	64	60	69	65	66	69	69	70	66	69	64	62	
28	63	57	66	68	64	73	69	64	66	69	64	48	
29	68		65	67	68	69	67	63	70	64	64	61	
30	65		63	63	67	69	63	65	65	65	62	70	
31	63		65		67		67	65		59		49	Annual Summary
Avg	62.7	62.0	65.4	67.6	64.9	68.1	67.3	65.8	67.1	66.2	65.5	61.7	65.3
Min	55.5	57.0	57.0	62.9	53.5	62.3	57.8	56.3	60.3	58.9	61.1	48.0	48.0
Max	69.3	66.8	73.3	72.7	71.3	76.8	72.7	72.3	74.4	72.0	75.6	72.6	76.8

Point Loma Wastewater Treatment Plant 2009 BOD Removal (%) Systemwide



Point Loma Wastewater Treatment Plant **2009 Biochemical Oxygen Demand Removals (%) Systemwide**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Day	% Rem												
1	65	61	67	72	68	68	76	66	74	70	70	73	
2	64	64	69	71	66	72	74	70	75	70	69	68	
3	57	64	76	71	63	72	69	68	69	66	73	70	
4	62	64	71	69	66	65	70	68	68	67	74	73	
5	63	69	67	70	62	70	71	60	71	70	69	61	
6	63	66	65	69	63	68	72	62	71	70	66	65	
7	64	62	61	73	69	73	71	66	69	70	66	58	
8	69	63	66	75	58	68	74	65	70	71	53	67	
9	65	63	70	74	67	69	73	68	76	67	64	59	
10	64	63	73	70	71	71	72	67	71	67	68	64	
11	64	68	72	69	66	73	67	67	74	73	73	64	
12	65	68	68	71	70	71	63	72	67	65	71	61	
13	71	65	66	70	71	69	70	69	67	71	64	59	
14	67	63	63	68	71	69	71	74	67	73	67	60	
15	66	62	67	69	68	71	73	72	73	73	69	68	
16	64	69	67	72	69	67	70	68	72	70	67	67	
17	60	65	68	71	65	72	70	70	70	66	73	58	
18	60	66	67	69	56	71	67	70	69	62	73	58	
19	58	65	65	68	69	69	70	75	70	73	68	63	
20	66	59	65	70	71	67	73	74	68	72	67	66	
21	70	63	66	70	67	70	60	67	62	65	66	64	
22	67	65	66	71	67	67	27	69	73	73	69	66	
23	65	66	66	73	66	74	63	71	72	69	66	68	
24	66	64	72	70	71	74	65	67	67	70	68	66	
25	65	67	57	69	70	75	69	75	70	70	64	70	
26	68	65	70	69	64	79	71	74	67	63	66	70	
27	67	63	68	67	69	71	72	72	69	71	66	66	
28	66	61	68	70	67	75	71	67	69	72	67	52	
29	70		69	70	70	71	68	67	72	68	68	65	
30	68		68	65	70	72	66	68	69	69	65	72	Annual
31	66		68		70		70	67		64		54	Summary
Avg	64.6	64.3	67.2	70.3	66.6	70.6	68.2	69.0	70.0	69.3	67.6	64.4	67.7
Min	57.1	59.1	56.7	65.4	56.2	65.0	27.1	60.3	62.2	62.2	52.7	51.5	27.1
Max	70.8	69.1	75.7	74.9	71.1	78.6	75.5	74.7	76.4	73.4	73.8	73.1	78.6



Point Loma Wastewater Treatment Plant

2009 Total Dissolved Solids (mg/L)

	Jar	n	Fel	b	M	ar	Ap	r	May		Jun	_	Ju	1	Au	g	Sej	p	Oc	t _	No	v	Dec	2		
Day	Inf	Eff																								
1	1740	1740	1620	1620	1760	1790	1950	2000	1800	1820	1700	1665	1740	1840	2100	2160	1990	2070	2040	2060	1630	1690	1850	1860		
2	1750	1740	1660	1690	1800	1800	1980	2045	1770	1770	1680	1730	1740	1660	2070	2100	1870	1870	1860	1880	1700	1680	1830	1860		
3	1650	1670	1740	1750	1830	1800	1850	1860	1730	1750	1690	1740	1680	1690	2110	2140	1980	1960	1650	1670	1790	1785	1930	1905		
4	1600	1680	1760	1780	1890	1880	1710	1790	1730	1680	1770	1830	1640	1660	2160	2260	1840	1860	1630	1670	1720	1740	1850	1890		
5	1700	1700	1770	1770	1850	1850	1720	1770	1820	1890	1830	1890	1700	1740	2140	2060	1820	1840	1720	1740	1700	1710	1840	1830		
6	1760	1770	1670	1670	1810	1840	1780	1780	1840	1820	1820	1805	1680	1650	1990	2040	1910	1900	1650	1670	1770	1790	1730	1770		
7	1790	1770	1450	1470	1790	1800	1800	1810	1820	1815	1750	1840	1710	1760	2040	2070	1840	1870	1600	1620	1730	1740	1430	1450		
8	1750	1800	1510	1500	1760	1755	1810	1820	1830	1850	1850	1910	1670	1690	2030	2080	2010	2070	1570	1600	1640	1640	1590	1555		
9	1790	1820	1490	1540	1790	1860	1780	1740	1810	1850	1900	1920	1750	1750	2010	2000	2390	2430	1700	1710	1680	1700	1720	1770		
10	1720	1790	1660	1620	1810	1840	1830	1850	1770	1780	1840	1860	1880	1900	2090	2070	2070	2100	1580	1630	1760	1790	1760	1770		
11	1930	2020	1710	1670	1880	1870	1760	1770	1810	1810	1960	1970	1660	1680	2530	2480	1970	2010	1530	1520	1660	1700	1770	1750		
12	1730	1740	1810	1750	1860	1870	1700	1705	1800	1785	1890	1900	1570	1620	2100	2160	1950	1980	1670	1660	1780	1780	1650	1670		
13	1800	1790	1760	1770	1770	1780	1760	1770	1840	1810	1850	1860	1620	1620	2050	2090	1920	2010	1760	1750	1790	1780	1500	1475		
14	1820	1800	1610	1630	1770	1760	1720	1720	1780	1760	1780	1810	1650	1680	2130	2120	2000	1990	1630	1635	1730	1740	1690	1670		
15	1800	1780	1620	1620	1890	1730	1580	1680	1860	1870	1820	1830	1730	1730	2120	2125	2100	2100	1710	1730	1650	1680	1680	1750		
16	1690	1680	1450	1475	1810	1870	1660	1690	1780	1810	1840	1815	1790	1750	2100	2170	2020	2080	1800	1820	1730	1750	1780	1830		
17	1660	1680	1540	1600	1880	1860	1670	1660	1770	1800	1880	1860	1750	1780	2240	2260	2110	2140	1760	1760	1800	1780	1770	1800		
18	1650	1710	1660	1660	1820	1800	1650	1650	1740	1760	1890	1900	1730	1760	2400	2360	2050	2090	1650	1660	1790	1785	1760	1780		
19	1810	1820	1730	1740	1820	1820	1680	1680	1770	1770	1850	1840	1710	1720	2400	2440	2060	2100	1770	1745	1790	1820	1850	1830		
20	1830	1780	1710	1800	1790	1820	1720	1720	1750	1750	1820	1870	1830	1840	2450	2405	1950	1970	1700	1740	1750	1770	1770	1760		
21	1890	1860	1670	1695	1710	1800	1740	1760	1820	1840	1860	1825	1980	1945	2350	2320	2030	2050	1720	1730	1680	1670	1760	1750		
22	1990	1955	1690	1730	1740	1750	1800	1770	1840	1875	1850	1840	2040	2040	2220	2270	1970	1980	1890	1870	1630	1670	1800	1840		
23	1750	1760	1680	1710	1770	1755	1720	1770	1860	1860	1870	1960	2040	2060	1840	1850	1940	2000	1750	1790	1660	1635	2080	2070		
24	1680	1690	1840	1840	1890	1900	1820	1810	1860	1890	1990	2000	2050	2070	1930	1960	2050	2035	1680	1715	1720	1730	1830	1790		
25 26	1980 1750	1890 1750	1770 1860	1740 1820	1850 1840	1840 1850	1820 1790	1830 1790	1810 1840	1800 1850	1810 1780	1840	2130	2140	1910 1890	1925 1930	1930	1990	1530 1590	1670 1580	1790 1890	1800 1960	1910 1880	1890 1870		
27	1780	1735	1830	1840	1890	1910	1770	1755	1750	1770	1770	1865 1750	2080 1990	2100 2010	1960	1930	2060 1980	2060 2120	1610	1590	1840	1840	1870	1890		
28	1660	1680	1770	1820	1850	1850	1820	1820	1770	1800	1650	1670	2090	2010	1970	1970	1940	2010	1640	1660	1680	1720	1920	1865		
29	1860	1900	1770	1620	1900	1850	1850	1850	1830	1840	1720	1710	1990	2040	1940	1960	2180	2190	1730	1715	1670	1690	1930	1930		
30	1590	1580			1900	1880	1810	1810	1740	1770	1680	1760	2040	1990	1930	2005	2370	2340	1750	1700	1740	1750	1880	1910	Sumn	nary.
31	1660	1670			1960	1950	1010	1010	1640	1670	1000	1700	2090	2120	1990	1970	2310	2340	1620	1670	1740	1750	1950	1980	Influent	Effluent
Avg	1760	1766	1680	1690	1828	1830	1768	1783	1793	1804	1813	1836	1831	1841	2103	2120	2010	2041	1693	1708	1730	1744	1792	1799	1817	1830
Min	1590	1580	1450	1470	1710	1730	1580	1650	1640	1670	1650	1665	1570	1620	1840	1850	1820	1840	1530	1520	1630	1635	1430	1450	1620	1640
Max	1990	2020	1860	1840	1960	1950	1980	2045	1860	1890	1990	2000	2130	2140	2530	2480	2390	2430	2040	2060	1890	1960	2080	2070	2530	2480
			- 300	-5.0		2703	-, 00			2070		2000				00		00				2,00				00

F. Toxicity Bioassays

Toxicity Testing: Point Loma Wastewater Treatment Plant Effluent, 2009

INTRODUCTION

The City of San Diego's Toxicology Laboratory (CSDTL) conducted aquatic toxicity tests (bioassays) as required by its NPDES Permit No. CA0107409, Order No. R9-2002-0025 for the Point Loma Wastewater Treatment Plant (PLWTP). The testing requirements are designed to determine the acute and chronic toxicity of effluent samples collected from the PLWTP. This chapter presents summaries and discussion of the toxicity tests conducted in 2009.

Toxicity testing of wastewater effluent measures the bioavailability of toxicants in a complex mixture, accounts for interactions among potential toxicants, and integrates the effects of all constituents. Acute and chronic bioassays are characterized by the duration of exposure of test organisms to a toxicant as well as the adverse effect (measured response) produced as the result of exposure to a toxicant.

Acute toxicity testing consists of a short-term exposure period, usually 96 hours or less, and the acute effect refers to mortality of the test organism. The City of San Diego is required to conduct acute toxicity tests of PLWTP effluent on a semiannual schedule.

Chronic toxicity testing, in the classic sense, refers to long-term exposure of the test organism to a potential toxicant. This may involve exposing the test organism for its entire reproductive life cycle, which may exceed 12 months for organisms such as fish. In general, chronic tests are inherently more sensitive to toxicants than acute tests in that adverse effects are detected at lower toxicant concentrations. The City of San Diego is required to conduct monthly critical/early life stage chronic tests of PLWTP effluent that are intermediate between the acute and chronic toxicity testing protocols discussed above. These test results serve as short-term estimates of chronic toxicity.

MATERIALS & METHODS

Test Material

Twenty-four hour, flow-weighted, composite effluent samples were collected at the PLWTP and stored at 4 °C until test initiation. All tests were initiated within 36 hours of sample collection. The acute toxicity test concentrations were 3.87, 7.75, 15.5, 31.0, and 62% (nominal). Unimpacted receiving water was used as dilution water in accordance with the NPDES permit. Receiving water was collected at City of San Diego monitoring station B8 and used within 96 hours of collection. The receiving water samples were collected from a depth of 2 m and stored at 4 °C until test initiation. The station coordinates are as follows:

Collection Location	Latitude/Longitude	Depth (m)	
B-8	32° 45.50′ N, 117° 20.77′ W	88.4	

Chronic toxicity test concentrations consisted of 0.15, 0.27, 0.49, 0.88, and 1.56% effluent. Dilution water for the chronic effluent tests was collected in the same manner as in the acute toxicity tests.

Dilution water for the acute and chronic reference toxicant tests was obtained from the Scripps Institution of Oceanography (SIO), filtered, held at 4 °C, and used within 96 hours of collection. Detailed methodology for all toxicity testing is described in the City of San Diego Toxicology Laboratory Quality Assurance Manual (City of San Diego 2008).

Acute Bioassays

Mysid Survival Bioassay

Acute bioassays using the mysid, *Mysidopsis bahia*, were conducted in March and September 2009 in accordance with USEPA protocol EPA/600/4-90/027F (USEPA 1993). Larval mysids (4-5 days old) were purchased from Aquatic Bio Systems (Fort Collins, CO), and acclimated to test temperature and salinity for at least 24 hours. Upon test initiation, the mysids (10 per replicate) were exposed for 96 hours in a static-renewal system to the effluent exposure series. Receiving water and brine controls were also tested. The test solutions were renewed at 48 hours and the organisms were fed once daily.

Simultaneous reference toxicant testing was performed using reagent grade copper chloride. Test concentrations consisted of 56, 100, 180, 320, and 560 μ g/L copper. A SIO seawater control was also tested. At the end of the exposure period, percent survival was recorded. Tests were declared valid if control mortality did not exceed 10%. The data were analyzed using a multiple comparison procedure and point estimation method prescribed by USEPA (1993). ToxCalc software (Tidepool Scientific Software 2002) was used for all statistical analyses.

Chronic Bioassays

Kelp Germination and Growth Test

Chronic bioassays using the giant kelp, *Macrocystis pyrifera*, were conducted each month during 2009 in accordance with USEPA protocol EPA/600/R-95/136 (USEPA 1995). Kelp zoospores were obtained from the reproductive blades (sporophylls) of adult *Macrocystis* plants at the kelp beds near La Jolla, California one day prior to test initiation. The zoospores were exposed in a static system for 48 hours to the effluent exposure series. A receiving water control was also tested.

Simultaneous reference toxicant testing was performed using reagent grade copper chloride. The concentrations of copper in the exposure series were 5.6, 10, 18, 32, 56, 100, and 180 μ g/L. A SIO seawater control was also tested. At the end of the exposure period, 100 zoospores from

each replicate were examined and the percent germination was recorded. In addition, germ-tube length was measured and recorded for 10 of the germinated zoospores.

The data were analyzed in accordance with "Flowchart for statistical analysis of giant kelp, *Macrocystis pyrifera*, germination data" and "Flowchart for statistical analysis of giant kelp, *Macrocystis pyrifera*, growth data" (see USEPA 1995). ToxCalc software (Tidepool Scientific Software 2002) was used for all statistical analyses.

Red Abalone Development Bioassay

Chronic bioassays using the red abalone, *Haliotis rufescens*, were conducted each month during 2009 in accordance with USEPA protocol EPA/600/R-95/136 (USEPA 1995). Test organisms were purchased from Cultured Abalone (Goleta, California), and shipped via overnight delivery to the CSDTL. Mature male and female abalones were placed in gender-specific natural seawater tanks and held at 15 °C. For each test event, spawning was induced in 6-8 abalones in gender-specific vessels. Eggs and sperm were retained and examined under magnification to ensure good quality. Once deemed acceptable, the sperm stock was used to fertilize the eggs, and a specific quantity of fertilized embryos was added to each test replicate and exposed to the effluent series for 48 hours. A receiving water control was also tested. At the end of the test period, 100 embryos were examined and the number of normally and abnormally developed embryos was recorded.

Simultaneous reference toxicant testing was performed using reagent grade zinc sulfate. The concentrations of zinc in the exposure series were 10, 18, 32, 56, and 100 μ g/L. A SIO seawater control was also tested.

The percentage of normally developed embryos for each replicate was arcsine square root transformed. The data were analyzed in accordance with "Flowchart for statistical analysis of red abalone *Haliotis rufescens*, development data" (see USEPA 1995). ToxCalc software (Tidepool Scientific Software 2002) was used for all statistical analyses.

RESULTS & DISCUSSION

Acute Bioassays

In 2009, all acute toxicity tests were conducted using mysids (*Mysidopsis bahia*). All tests met the acceptability criterion of >90% control survival and demonstrated compliance with permit standards (Table T.1).

Chronic Bioassays

In 2009, the City conducted chronic toxicity tests using the giant kelp (*Macrocystis pyrifera*), which is the most sensitive species mandated by the compliance monitoring program. The results are summarized in Table T.2. All tests met the acceptability criteria and were within compliance limits.

The City also conducted chronic bioassays using the red abalone (*Haliotis rufescens*) on a voluntary basis due to the ecological significance of the species. The results are also presented in Table T.2. All red abalone tests met the acceptability criteria, and all were within compliance limits.

LITERATURE CITED

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TABLE T.1

Results and compliance summary of acute bioassays conducted using PLWTP effluent during 2009 Data are presented in toxic unit acute (TUa) values. The 2001 California Ocean Plan compliance limit is 6.5 TUa.

Sample Date	Mysid 96-Hour Bioassay
03/15/2009	4.2
09/20/2009	1.9
N	2
No. in compliance	2
Mean TUa	3.1

TABLE T.2Results of chronic toxicity testing of PLWTP effluent from January through December 2009. Data are presented in toxic unit chronic (TUc) values. NPDES permit limit is 205 TUc.

	Gian	t Kelp	Red Abalone
Sample Date	Germination	Growth	Development
01/06/2009	64	64	64
02/03/2009	64	64	-
02/10/2009	-	-	Not valid
03/03/2009	64	64	64
04/14/2009	n.v.	n.v.	64
04/22/2009	64	64	-
05/12/2009	64	64	64
06/09/2009	n.v.	n.v.	-
06/14/2009	-	-	64
06/25/2009	64	64	-
07/07/2009	64	64	64
08/04/2009	64	64	64
09/14/2009	114	64	64
10/20/2009	-	-	64
10/25/2009	114	64	-
11/03/2009	64	64	-
11/17/2009	-	-	64
12/08/2009	-	-	64
12/14/2009	64	64	-
N	12	12	11
No. in compliance	12	12	11
Mean TUc	72	64	64

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G. 6-Year Tables

											ARSEN	IIC (ug/L)	2004											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week 1	Inf 1.05	Eff 0.84	Inf	Eff	Inf 1.42	Eff 0.84	Inf 1.45	Eff 1.38	Inf 1.93	Eff 2.36	Inf 1.09	Eff 1.11	<u>Inf</u> 1.4	Eff 1.04	Inf 0.83	Eff <0.40	Inf 2.24	Eff 1.06	Inf 1.32	0.86	Inf 1.56	Eff 0.91	Inf 2.18	Eff 1.25
2	2.13	1.32	1.2	0.68	2.15	1.44	1.43	0.51	1.1	1.45	1.09	1.11	0.99	0.63	0.62	NA	1.7	1.42	1.32	1.27	1.09	0.68	1.59	1.28
3	2.05	1.88	0.77	ND	2.16	1.89	1.83	1.32	1.41	0.88	1.84	1.2			1.75	1.38	1.02	0.69	2.73	1.76	1.36	0.99	1.71	1.57
4	2.3	1.7	2.57	1.29	0.99	0.46	1.49	0.9	1.25	1.37	2.06	1.22	1.26	0.89	1.64	1.24	1.29	1.17	3.68	1.82	0.96	0.72	1.92	0.88
Avg	1.88	1.44	1.51	0.66	1.68	1.16	1.46	1.03	1.42	1.52	1.72	1.2	1.22	0.85	1.21	0.87	1.56	1.09	2.26	1.43	1.24	0.83	1.85	1.25
											ARSEN	IIC (ug/L)	2005											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1 2	3.22	1.88	1.35 1.53	2.31 0.67	3.93 1.78	1.38 1.26	2.13	1.49 1.37	2.79	1.79	1.94 1.04	1.14 0.68	1.28 1.29	0.71 0.74	2.13 1.03	1.6 0.64	1.1 1.66	0.51 1.33	1.68 1.09	0.53 0.5	3.41	1.83	1.71 1.07	1.13 0.47
3	1.58	0.89	1.88	0.94	1.32	0.87	2.12	0.99	1.06	0.49	1.63	1.36	1.75	1.61	1.06	0.53	1.82	1.25	1.87	1.26	2.56	2.07	0.87	ND
4	1.23	1.04	2.85	1.46	1.96	1.83	1.26	0.66	1.89	1.66	1.11	0.45	1.99	1.82	0.97	0.74	2.89	2.38	1.13	0.66	1.22	0.83	1	0.43
Avg	2.01	1.27	1.9	1.35	2.25	1.34	1.9	1.13	1.91	1.31	1.43	0.91	1.58	1.22	1.3	0.88	1.87	1.37	1.44	0.74	2.4	1.58	1.15	0.51
											ARSEN	IIC (ug/L)	2006											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1.61	0.70	1.08	0.66	1.22	0.45	0.95	0.46	1.24	ND	1.07	ND	0.73	0.67	1.17	0.76	1.04	0.56	1.08	0.49	1.44	0.77	0.85	<.40
2	1.13 1.12	0.63 0.53	1.00 1.15	0.65 0.55	1.03 0.61	0.4 ND	1.67 1.17	0.61 0.6	0.82 0.83	0.44 0.5	0.91 0.91	0.46 0.57	1.23 0.99	0.59 0.65	0.84 0.95	0.56 0.77	1.10 1.00	0.51 0.51	1.07 1.34	0.50	1.23	0.65	0.87	ND 0.41
4	1.12	0.55	1.15	0.88	0.61	ND	0.84	0.69	1.12	0.59	0.82	0.57	0.76	0.62	0.95	0.63	1.00	0.51	1.22	<0.40 0.65	1.13 1.18	0.72 0.62	0.89 0.91	0.41 0.43
Avg	1.25	0.61	1.29	0.69	0.95	0.28	1.16	0.59	1.00	0.51	0.93	0.38	0.93	0.63	0.98	0.68	1.05	0.53	1.18	0.41	1.25	0.69	0.88	0.21
											ARSEN	IIC (ug/L)	2007											
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
1	1.21	0.51	0.89	ND	1.32	0.70	1.18	0.73	0.92	0.55	1.39	0.95	1.09	0.69	1.00	ND	1.44	0.89	1.51	0.73	0.90	0.58	2111	
2	1.15	0.68	0.83	0.48	1.03	0.73	1.12	0.71	1.15	1.20	1.03	0.81	0.93	0.74	1.23	0.6	1.00	0.57	1.16	0.67	0.96	0.55	1.29	0.86
3	0.72	0.56	1.34	0.78	1.18	0.66	0.92	0.68	1.28	1.00	1.18	0.86	0.95	0.67	1.25	ND	1.05	0.53	1.10	0.79	0.81	0.56	1.00	0.73
4	1.58	0.52	1.02	0.63	1.25	0.7	1.08	0.71	1.35	0.96	1 20	0.07	1.14	0.67 0.69	1.30	ND 0.20	1.28	0.72	0.93	0.64	1.26	0.71	1.23	0.66
Avg	1.17	0.57	1.02	0.63	1.20	0.70	1.08	0.71	1.18	0.93	1.20	0.87	1.03	0.69	1.20	0.20	1.19	0.68	1.18	0.71	0.98	0.60	1.17	0.75
											ARSEN	IIC (ug/L)	2008											
n e e e	T C	JAN	T - C	FEB	T C	MAR	T - C	APR	T C	MAY	T - C	JUN	T C	JUL	T - C	AUG	T C	SEP	T - C	OCT	T C	NOV	T - C	DEC
Week 1	Inf 0.97	0.71	Inf 1.13	0.50	Inf 1.28	0.48	Inf 0.93	0.58	Inf	Eff	Inf 1.36	0.90	Inf 0.90	0.72	Inf 1.06	0.75	Inf 1.29	0.86	Inf 1.19	0.87	Inf	Eff	Inf 1.22	Eff 0.81
2	1.63	0.64	1.13	0.58	1.01	0.45	1.14	0.88	1.28	0.98	1.13	0.71	1.23	0.72	1.27	0.73	0.97	0.71	1.30	0.66	0.87	0.79	1.10	0.72
3	0.91	0.50	1.23	0.58	1.07	0.43	1.27	0.69	1.39	0.95	1.06	0.91	1.19	0.73	1.16	0.96	1.03	0.84	1.24	0.73	1.01	0.72	2.85	1.55
4	1.21	0.55	1.38	0.79	0.82	0.69	1.30	0.86	1.34	0.95	1.03	0.54	1.19	0.77	1.34	0.91	1.15	0.84	1.20	0.83	1.05	0.68	1.48	1.07
Avg	1.18	0.60	1.41	0.61	1.05	0.51	1.16	0.75	1.34	0.96	1.15	0.77	1.13	0.73	1.21	0.86	1.11	0.81	1.23	0.77	0.98	0.73	1.66	1.04
											ARSEN	IIC (ug/L)	2009											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff 1.22	Inf	Eff	Inf	Eff 0.70	Inf	Eff	Inf	Eff 0.01										
1 2	1.16 0.75	0.86 0.65	1.04 1.35	0.58 0.89	0.97	0.42	1.18 1.34	0.66 0.56	1.02 1.02	0.66 1.02	0.54 1.21	0.76 0.78	1.08 1.13	0.59 0.68	1.78 1.70	1.22 1.07	1.52	1.09	1.58 0.91	0.78 0.75	0.97 0.83	0.68 0.70	1.15 1.28	0.81 0.83
3	1.08	0.65	1.24	0.88	1.02	<0.42	1.22	0.89	1.40	0.88	1.23	0.78	1.15	0.78	1.32	1.12	1.56	1.12	1.15	0.73	1.10	0.76	1.28	0.59
4	1	0.66	1.14	0.88	1.09	0.70	1.00	0.66	1.42	0.79	0.84	0.59	1.01	0.79	1.47	1.09	1.45	1.08	1.11	0.87	1.10	0.89	1.04	0.61
		0.00	2121	0.00	2105								1101				21.15	1.00						

											CADMI	UM (ug/L)	2004											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	10.4	ND			ND	ND	5.5	ND	ND	ND	5.8	2	16.4	2.7	7.5	4.3	5.6	2	5.7	1.4	6.5	0.9	5.6	2.1
2	ND	ND	7.1	ND	7.2	ND	13.8	ND	19.1	ND	12	1.7	7.9	1.9	17.5	20.6	4.5	4.3	9.2	2.5	6.1	1.8	7.8	1.7
3	ND	ND	10.3	ND	6.3	ND	16.5	ND	ND	ND	10	1.4			6.4	17.1	5.6	1.6	14.4	4.5	6.1	1.7	6	1.6
4	8.4	ND	6.2	<5.0	ND	ND	ND	ND	ND	11.7	5.5	1.5	6.1	6.1	22.2	2.6	4.5	1.7	5.5	1.8	4.9	1.6	4.5	1
Avg	4.6	ND	7.9	0	3.4	ND	8.9	ND	4.8	2.9	8.3	1.7	10.1	3.6	13.4	11.2	5.1	2.4	8.7	2.6	5.9	1.5	6	1.6
											CADMI	UM (ug/L)	2005					C=D		0.57				250
HI-	T C	JAN	T C	FEB	T C	MAR	T C	APR	T C	MAY	T C	JUN	T - C	JUL	T C	AUG	T C	SEP	T C	OCT .	T - C	NOV	T C	DEC
Week	Inf	Eff	Inf 0.3	Eff	Inf	Eff	Inf ND	Eff ND	Inf	Eff	Inf 1	Eff	Inf 0.3	Eff	Inf 0.7	Eff 0.4	Inf ND	Eff ND	Inf	Eff	Inf	Eff	Inf ND	Eff ND
1 2	0.3	0.2	ND	ND 0.5	0.2 0.3	0.5 ND	ND	ND ND	0.4	ND	0.6	0.6 0.8	0.4	ND ND	0.4	0.4 <0.2	0.6	ND ND	0.6 0.3	ND ND	ND	ND	ND	ND ND
3	ND	0.4	1.3	ND	0.5	0.2	ND	ND	0.3	ND	1.1	0.6	0.3	ND	0.4	ND	0.4	ND	0.3	ND	0.6	ND	ND	ND
4	ND	ND	0.9	0.69	0.5	0.4	ND	ND	0.5	0.2	0.7	0.5	0.3	ND	0.3	ND	0.5	ND	ND	ND	0.7	0.6	ND	ND
Average	0.1	0.2	0.6	0.4	0.4	0.3	ND	ND	0.4	0.1	0.9	0.6	0.3	ND	0.5	0.1	0.4	ND	0.3	ND	0.4	0.2	ND	ND
											CADMT	UM (ug/L)	2006											
		JAN		FEB		MAR		APR		MAY	C/ 12/ 12	JUN	2000	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND	ND	0.2	ND	0.6	0.4	ND	ND	0.2	ND	0.5	ND	0.3	ND	0.3	0.3	0.7	ND	ND	ND	ND	ND
2	ND	ND	ND	ND	0.2	<0.2	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND	0.4	0.2	ND	ND	0.2	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	0.5	0.3	0.3	ND	0.4	ND	ND	ND	ND	ND	ND	ND
4	0.5	ND	ND	ND			0.2	ND	0.45	ND	0.3	ND	ND	0.2	0.2	ND			0.9	0.3	ND	ND	ND	ND
Average	0.1	ND	ND	ND	0.1	0	0.2	0.1	0.11	ND	ND	ND	0.4	0.1	0.2	ND	0.4	0.2	0.4	0.1	0.1	ND	ND	ND
											CADMI	UM (ug/L)	2007											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND	ND	ND	ND	ND		ND	ND					ND	ND		ND	ND			ND		
2	ND	ND						ND	ND	ND	2	1.4	1.3	0.6	ND		<0.5			ND	ND			
3			ND	ND	38.3	ND	ND	ND	ND	ND	2.6	1.7	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
	0.6	ND	ND 0.7		38.3 ND	ND ND	ND 0.7	ND ND	ND ND	ND ND			ND ND	ND ND	0.6 ND	ND ND	ND 0.6	ND 0.6	ND ND	ND ND	ND ND	ND ND	ND	ND
4	0.7	ND ND	0.7	ND <0.5	38.3 ND ND	ND ND ND	ND 0.7 ND	ND ND ND	ND ND ND	ND ND ND	2.6 0.7	1.7 ND	ND ND ND	ND ND ND	0.6 ND ND	ND ND ND	ND 0.6 ND	ND 0.6 ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND	ND ND
4 Average		ND		ND	38.3 ND	ND ND	ND 0.7	ND ND	ND ND	ND ND	2.6	1.7	ND ND	ND ND	0.6 ND	ND ND	ND 0.6	ND 0.6	ND ND	ND ND	ND ND	ND ND	ND	ND
	0.7	ND ND ND	0.7	ND <0.5 <0.0	38.3 ND ND	ND ND ND	ND 0.7 ND	ND ND ND	ND ND ND	ND ND ND	2.6 0.7	1.7 ND 1.0 UM (ug/L)	ND ND ND 0.3	ND ND ND 0.2	0.6 ND ND	ND ND ND	ND 0.6 ND	ND 0.6 ND 0.2	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND	ND ND ND
Average	0.7	ND ND ND	0.7	ND <0.5 <0.0	38.3 ND ND 9.6	ND ND ND	ND 0.7 ND 0.2	ND ND ND	ND ND ND	ND ND ND	2.6 0.7 1.8 CADMI	1.7 ND 1.0 UM (ug/L) JUN	ND ND ND 0.3	ND ND ND 0.2	0.6 ND ND 0.2	ND ND ND	ND 0.6 ND <0.2	ND 0.6 ND 0.2	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND
Average Week	0.7 0.3	ND ND ND JAN Eff	0.7 0.2 Inf	ND <0.5 <0.0 FEB Eff	38.3 ND ND 9.6	ND ND ND ND	ND 0.7 ND 0.2	ND ND ND ND	ND ND ND	ND ND ND	2.6 0.7 1.8 CADMI	1.7 ND 1.0 UM (ug/L) JUN Eff	ND ND 0.3 2008 Inf	ND ND ND 0.2 JUL Eff	0.6 ND ND 0.2	ND ND ND ND	ND 0.6 ND <0.2	ND 0.6 ND 0.2 SEP Eff	ND ND ND ND	ND ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND DEC Eff
Average Week	0.7 0.3 Inf	ND ND ND JAN Eff ND	0.7 0.2 Inf	ND <0.5 <0.0 FEB Eff ND	38.3 ND ND 9.6	ND ND ND MAR Eff	ND 0.7 ND 0.2	ND ND ND APR Eff ND	ND ND ND	ND ND ND ND MAY Eff	2.6 0.7 1.8 CADMI Inf	1.7 ND 1.0 UM (ug/L) JUN Eff ND	ND ND ND 0.3 2008 Inf ND	ND ND ND 0.2 JUL Eff	0.6 ND ND 0.2	ND ND ND AUG Eff	ND 0.6 ND <0.2	ND 0.6 ND 0.2 SEP Eff	ND ND ND	ND ND ND OCT Eff	ND ND ND ND	ND ND ND ND NOV Eff	ND ND ND	ND ND ND DEC Eff
Average Week 1 2	0.7 0.3 Inf ND	ND ND ND JAN Eff ND ND	0.7 0.2 Inf ND ND	ND <0.5 <0.0 FEB Eff ND ND	38.3 ND ND 9.6 Inf ND ND	ND ND ND ND MAR Eff ND ND	ND 0.7 ND 0.2 Inf	ND ND APR Eff ND ND	ND ND ND ND	ND ND ND ND MAY Eff	2.6 0.7 1.8 CADMI Inf ND	1.7 ND 1.0 UM (ug/L) JUN Eff ND ND	ND ND ND 0.3 2008 Inf ND ND	ND ND ND 0.2 JUL Eff ND ND	0.6 ND ND 0.2	ND ND ND ND AUG Eff ND ND	ND 0.6 ND <0.2	ND 0.6 ND 0.2 SEP Eff ND ND	ND ND ND ND	ND ND ND OCT Eff ND ND	ND ND ND ND	ND ND ND NOV Eff	ND ND ND Inf ND ND	ND ND ND DEC Eff ND ND
Average Week	0.7 0.3 Inf ND ND	ND ND ND JAN Eff ND ND	0.7 0.2 Inf ND ND ND	ND <0.5 <0.0 FEB Eff ND ND ND	38.3 ND ND 9.6 Inf ND ND	ND ND ND ND ND ND MAR Eff ND ND ND	ND 0.7 ND 0.2 Inf ND ND ND	ND ND ND APR Eff ND ND ND	ND ND ND ND	ND ND ND ND MAY Eff ND ND	2.6 0.7 1.8 CADMI Inf ND ND 0.9	1.7 ND 1.0 UM (ug/L) JUN Eff ND ND	ND ND ND 0.3 2008 Inf ND ND	ND ND ND O.2 JUL Eff ND ND ND	0.6 ND ND 0.2 Inf ND ND	ND ND ND ND AUG Eff ND ND	ND 0.6 ND <0.2 Inf ND ND ND	ND 0.6 ND 0.2 SEP Eff ND ND ND	ND ND ND ND	ND ND ND OCT Eff ND ND ND	ND ND ND ND	ND ND ND ND NOV Eff	ND ND ND Inf ND ND ND	ND ND ND DEC Eff ND ND
Average Week 1 2 3 4	0.7 0.3 Inf ND ND ND ND	ND ND ND JAN Eff ND ND ND ND ND ND	0.7 0.2 Inf ND ND ND ND ND	ND <0.5 <0.0 FEB Eff ND ND ND ND	38.3 ND ND 9.6 Inf ND ND ND	ND ND ND ND MAR Eff ND ND ND	ND 0.7 ND 0.2 Inf ND ND ND ND ND	ND ND ND APR Eff ND ND ND ND ND ND ND ND	ND ND ND ND	ND ND ND ND MAY Eff ND ND ND	2.6 0.7 1.8 CADMI Inf ND	1.7 ND 1.0 UM (ug/L) JUN Eff ND ND	ND ND ND 0.3 2008 Inf ND ND ND	ND ND ND 0.2 JUL Eff ND ND	0.6 ND ND 0.2	ND ND ND ND AUG Eff ND ND ND	ND 0.6 ND <0.2	ND 0.6 ND 0.2 SEP Eff ND ND	ND	ND ND ND OCT Eff ND ND ND ND	ND ND ND ND	ND ND ND ND NOV Eff	ND ND ND Inf ND ND ND ND	ND ND ND DEC Eff ND ND
Average Week 1 2 3	0.7 0.3 Inf ND ND	ND ND ND JAN Eff ND ND	0.7 0.2 Inf ND ND ND	ND <0.5 <0.0 FEB Eff ND ND ND	38.3 ND ND 9.6 Inf ND ND	ND ND ND ND ND ND MAR Eff ND ND ND	ND 0.7 ND 0.2 Inf ND ND ND	ND ND ND APR Eff ND ND ND	ND ND ND ND	ND ND ND ND MAY Eff ND ND	2.6 0.7 1.8 CADMI Inf ND ND 0.9 0.6	1.7 ND 1.0 UM (ug/L) JUN Eff ND ND ND ND	ND ND ND O.3 2008 Inf ND	ND ND ND O.2 JUL Eff ND ND ND ND ND ND	0.6 ND ND 0.2 Inf ND ND ND	ND ND ND ND AUG Eff ND ND	ND 0.6 ND <0.2 Inf ND ND ND ND ND	ND 0.6 ND 0.2 SEP Eff ND ND ND ND	ND ND ND ND	ND ND ND OCT Eff ND ND ND	ND ND ND ND ND Inf ND ND ND	ND ND ND ND NOV Eff	ND ND ND Inf ND ND ND	ND ND ND DEC Eff ND ND ND ND ND ND ND
Average Week 1 2 3 4	0.7 0.3 Inf ND ND ND ND	ND ND ND JAN Eff ND ND ND ND ND ND	0.7 0.2 Inf ND ND ND ND ND	ND <0.5 <0.0 FEB Eff ND ND ND ND	38.3 ND ND 9.6 Inf ND ND ND	ND ND ND ND MAR Eff ND ND ND	ND 0.7 ND 0.2 Inf ND ND ND ND ND	ND ND ND APR Eff ND ND ND ND	ND ND ND ND	ND ND ND ND MAY Eff ND ND ND	2.6 0.7 1.8 CADMI Inf ND ND 0.9 0.6	1.7 ND 1.0 UM (ug/L) JUN Eff ND ND ND	ND ND ND O.3 2008 Inf ND	ND ND ND O.2 JUL Eff ND ND ND ND ND ND	0.6 ND ND 0.2 Inf ND ND ND	ND ND ND AUG Eff ND	ND 0.6 ND <0.2 Inf ND ND ND ND ND	ND 0.6 ND 0.2 SEP Eff ND ND ND ND	ND	ND ND ND OCT Eff ND	ND ND ND ND ND Inf ND ND ND	ND ND ND ND NOV Eff	ND ND ND Inf ND ND ND ND	ND ND ND DEC Eff ND ND ND ND ND ND ND
Average Week 1 2 3 4	0.7 0.3 Inf ND ND ND ND	ND ND ND JAN Eff ND ND ND ND ND ND ND ND	0.7 0.2 Inf ND ND ND ND ND	ND <0.5 <0.0 FEB Eff ND ND ND ND ND	38.3 ND ND 9.6 Inf ND ND ND	ND N	ND 0.7 ND 0.2 Inf ND ND ND ND ND	ND ND ND ND ND APR Eff ND ND ND ND ND ND ND ND	ND ND ND ND	MD ND ND ND MAY Eff ND ND ND ND ND ND ND ND	2.6 0.7 1.8 CADMI Inf ND ND 0.9 0.6	1.7 ND 1.0 1.0 UM (ug/L) JUN Eff ND ND ND ND ND ND UM (ug/L)	ND ND ND O.3 2008 Inf ND	ND ND ND O.2 JUL Eff ND ND ND ND ND ND ND ND	0.6 ND ND 0.2 Inf ND ND ND	ND ND ND ND AUG Eff ND ND ND	ND 0.6 ND <0.2 Inf ND ND ND ND ND	ND 0.6 ND 0.2 SEP Eff ND ND ND ND ND ND	ND	ND ND ND OCT Eff ND ND ND ND ND ND ND ND ND	ND ND ND ND ND Inf ND ND ND	ND N	ND ND ND Inf ND ND ND ND	ND ND ND DEC Eff ND ND ND ND ND ND ND
Week 1 2 3 4 Average	0.7 0.3 Inf ND ND ND ND ND ND	ND ND ND SAN DAN DAN	0.7 0.2 Inf ND ND ND ND ND ND	ND <0.5 <0.0 FEB Eff ND ND ND ND ND ND ND FEB	38.3 ND ND 9.6 Inf ND ND ND ND	ND N	ND 0.7 ND 0.2 Inf ND ND ND ND ND ND	ND ND ND APR Eff ND	ND ND ND Inf	ND ND ND MAY Eff ND	2.6 0.7 1.8 CADMI Inf ND ND 0.9 0.6	1.7 ND 1.0 1.0 UM (ug/L) JUN Eff ND ND ND ND ND ND ND ND UM (ug/L) JUN	ND N	ND ND ND	0.6 ND ND 0.2 Inf ND ND ND ND ND	ND ND ND AUG Eff ND AUG	ND 0.6 ND <0.2	ND 0.6 ND 0.2 SEP Eff ND ND ND ND ND SEP	ND ND ND Inf	ND ND ND OCT Eff ND	ND ND ND Inf	ND ND ND NOV Eff ND	ND ND ND ND ND ND ND ND	ND
Week 1 2 3 4 Average	0.7 0.3 Inf ND ND ND ND	ND N	0.7 0.2 Inf ND	ND <0.5	38.3 ND ND 9.6 Inf ND ND ND ND	ND N	ND 0.7 ND 0.2 Inf ND	ND N	ND ND ND Inf	ND N	2.6 0.7 1.8 CADMI Inf ND ND 0.9 0.6 0.4 CADMI	1.7 ND 1.0 1.0 UM (ug/L) JUN Eff ND ND ND ND ND ND ND JUM LIMIT (ug/L) JUN Eff	ND ND ND 2009 Inf	ND ND ND O.2 JUL Eff ND ND ND ND ND ND ND ND SUL Eff	0.6 ND ND 0.2 Inf	ND ND ND AUG Eff AUG Eff	ND 0.6 ND <0.2	ND 0.6 ND 0.2 SEP Eff ND ND ND ND ND SEP	ND ND ND Inf ND	ND N	ND ND ND Inf	ND ND ND NOV Eff ND	ND N	ND ND DEC EFF ND ND ND ND ND ND ND DEC EFF
Average Week 1 2 3 4 Average	0.7 0.3 Inf ND	ND N	0.7 0.2 Inf ND	ND <0.5 <0.0 FEB Eff ND N	38.3 ND ND 9.6 Inf ND ND ND ND ND	ND N	ND 0.7 ND 0.2 Inf ND	ND N	ND ND ND Inf ND	ND N	2.6 0.7 1.8 CADMI Inf ND ND 0.9 0.6 0.4 CADMI Inf	1.7 ND 1.0 1.0 UM (ug/L) JUN Eff ND UM (ug/L) JUN Eff ND	ND N	ND ND ND O . 2 JUL Eff ND	0.6 ND ND 0.2 Inf ND	ND ND ND AUG Eff ND	ND 0.6 ND <0.2 Inf ND	ND 0.6 ND 0.2 SEP Eff ND ND ND ND ND ND SEP Eff	ND ND ND Inf ND	ND N	ND ND ND Inf	ND ND ND NOV Eff ND ND ND NOV Eff < 0.5	ND ND Inf ND	ND ND DEC Eff ND ND
Average Week 1 2 3 4 Average	O.7 O.3 Inf ND	ND N	0.7 0.2 Inf ND	ND <0.5 <0.0 FEB Eff ND N	38.3 ND ND 9.6	ND N	ND 0.7 ND 0.2 Inf ND	ND ND ND APR Eff ND	ND ND ND Inf ND	ND ND ND MAY Eff ND	2.6 0.7 1.8 CADMI Inf ND ND 0.9 0.6 0.4 CADMI Inf ND	1.7 ND 1.0 1.0 (ug/L) JUN Eff ND ND ND ND JUN UM (ug/L) JUN Eff ND	ND N	ND N	0.6 ND ND 0.2 Inf ND	ND ND ND AUG Eff ND	ND 0.6 ND <0.2	ND 0.6 ND 0.2 SEP Eff ND ND ND ND SEP Eff ND	ND ND ND Inf ND	ND ND ND OCT Eff ND ND OCT Eff ND	ND ND ND Inf ND	ND ND NOV Eff ND ND NOV Eff ND ND ND NOV Eff <0.5 ND	ND N	ND ND ND DEC Eff ND

											CHROM	CUM (ug/L	2004											
Maral.	T C	JAN Eff	T - C	FEB Eff	T - C	MAR Eff	T C	APR Eff	T C	MAY	T C	JUN	T C	JUL Eff	Inf	AUG Eff	T C	SEP Eff	T - C	OCT Eff	T C	NOV Eff	T - C	DEC Eff
Week 1	Inf 10.4	ND ND	Inf	ETT	Inf ND	ND ND	Inf 5.5	ND ND	Inf ND	Eff ND	Inf 5.8	Eff 2	Inf 16.4	2.7	7.5	4.3	Inf 5.6	2	Inf 5.7	1.4	Inf 6.5	0.9	Inf 5.6	2.1
2	ND	ND	7.1	ND	7.2	ND	13.8	ND	19.1	ND	12	1.7	7.9	1.9	17.5	20.6	4.5	4.3	9.2	2.5	6.1	1.8	7.8	1.7
3	ND	ND	10.3	ND	6.3	ND	16.5	ND	ND	ND	10	1.4			6.4	17.1	5.6	1.6	14.4	4.5	6.1	1.7	6	1.6
4	8.4	ND	6.2	<5.0	ND	ND	ND	ND	ND	11.7	5.5	1.5	6.1	6.1	22.2	2.6	4.5	1.7	5.5	1.8	4.9	1.6	4.5	1
Avg	4.6	ND	7.9	0	3.4	ND	8.9	ND	4.8	2.9	8.3	1.7	10.1	3.6	13.4	11.2	5.1	2.4	8.7	2.6	5.9	1.5	6	1.6
											CUROM	FI BA //I	2005											
		JAN		FEB		MAR		APR		MAY	CHROM	IUM (ug/L JUN) 2005	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1			5.1	2.3	3.5	2.2	5.2	23.4			5.2	4	4.7	0.9	4.5	2.1	5.2	23	4.1	ND			3.5	1.2
2	4.7	1.8	7.6	2.1	3.6	2.6	7	1.3	5.8	2.2	5.4	5.6	3.9	1.2	4.5	1.2	8.6	1.6	4.8	0.2	11.6	1.9	3.9	ND
3	3.2	0.2	6.5	1.2	4.4	1	5.1	2.9	3.7	1.7	5.6	5.6	2.6	1.9	5.4	1.1	3.4	1.3	4.5	ND	4.8	5.6	2.9	0.3
4	4.5	1.3	3.6	2.9	4.7	1.9	5.1	2.1	7.2	6.8	6.6	3.9	5.3	2.1	3.4	0.4	4.2	1.1	4	ND	3.4	1.3	5.1	0.6
Average	4.1	1.1	5.7	2.1	4.1	1.9	5.6	7.4	5.6	3.6	5.7	4.8	4.1	1.5	4.5	1.2	5.4	1.6	4.4	0.1	6.6	2.9	3.9	0.5
											CHROM	EUM (ug/L	2006											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	27.3	3.8	4.4	1.1	4.5	1.2	3.9	0.6	7.3	0.2	4.7	1.6	4.2	1.2	5.5	1.9	9.7	6.2	9.6	0.4	10.3	1.2	7.3	ND
2	4.6	1.3	4.2	1.4	4	0.4	181.0	0.7	6.3	0.7	10.6	1.6	13.1	1.1	5.9	2.0	11.5	3.1	8.6	7.6	13.1	2.1	4	ND
3	8.7	1.2	4.5	3.4	2.2	0.6	4.2	1.1	4.7	1.6	6.2	0.8 4	5.3 7.9	2.1 0.9	14.7	3.6	9	3.4	6.8 16	1.1 2.3	5.4	1.8	6.2	ND ND
	5.7 11.6	2.6	4.3	2.0	3.6	0.7	48.8	1.2	10.8 7.3	1.5	10.9 8.1	2.0	7.6	1.3	7.3 8.4	1.5 2.3	10.1	4.2	10.3	2.9	6.6 8.9	2.9	5.4	ND ND
Average	11.0	2.2	4.4	2.0	3.0	0.7	40.0	1.2	7.3	1.0	0.1	2.0	7.0	1.5	0.4	2.5	10.1	4.2	10.5	2.5	0.5	2.0	5.7	ND
											CHROM	EUM (ug/L	2007											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	8	ND	6.0		6.6	ND									_									
2	7.4			3.0			12.5	2.1	6.6	ND	10.9	ND	6.6	ND	5.0	1.4	7.2	16.5	6.6	ND	7.3	1.4		1.0
, ,	7 7	ND ND	4.2	1.8	5.8	1.8	7.7	<1.2	5.1	ND	7.3	ND	6.6 11.2	ND ND	5.7	ND	7.2	ND	10.6	ND 2.2	7.3 11.6	1.4 1.5	12.6	1.9
4	7.7 10.9	ND			5.8 10.3	1.8 2.1	7.7 9.0	<1.2 1.2	5.1 6.8	ND 2.0			6.6 11.2 9.4	ND ND ND	5.7 13.5	ND 1.5	7.2 7.6	ND ND	10.6 5.2	ND 2.2 1.3	7.3 11.6 4.7	1.4 1.5 ND	12.6 8.1	2.4
4 Average	7.7 10.9 8.5		4.2	1.8	5.8	1.8	7.7	<1.2	5.1	ND	7.3	ND	6.6 11.2	ND ND	5.7	ND	7.2	ND	10.6	ND 2.2	7.3 11.6	1.4 1.5	12.6	
	10.9	ND ND	4.2 7.1	1.8	5.8 10.3 9.6	1.8 2.1 1.9	7.7 9.0 7.9	<1.2 1.2 1.5	5.1 6.8 7.5	ND 2.0 ND	7.3 5.8 8.0	ND ND	6.6 11.2 9.4 7.5 8.7	ND ND ND ND	5.7 13.5 8.1	ND 1.5 2.7	7.2 7.6 9.1	ND ND ND	10.6 5.2 5.7	ND 2.2 1.3 ND	7.3 11.6 4.7 8.6	1.4 1.5 ND 1.7	12.6 8.1 7.2	2.4 3.0
	10.9	ND ND ND	4.2 7.1	1.8 2.1 2.3	5.8 10.3 9.6	1.8 2.1 1.9 1.5	7.7 9.0 7.9	<1.2 1.2 1.5 1.6	5.1 6.8 7.5	ND 2.0 ND 0.5	7.3 5.8 8.0	ND ND ND	6.6 11.2 9.4 7.5 8.7	ND ND ND ND	5.7 13.5 8.1	ND 1.5 2.7 1.4	7.2 7.6 9.1	ND ND ND 4.1	10.6 5.2 5.7	ND 2.2 1.3 ND 0.9	7.3 11.6 4.7 8.6	1.4 1.5 ND 1.7	12.6 8.1 7.2	2.4 3.0 2.4
Average	10.9 8.5	ND ND ND	4.2 7.1 5.8	1.8 2.1 2.3	5.8 10.3 9.6 8.1	1.8 2.1 1.9 1.5	7.7 9.0 7.9 9.3	<1.2 1.2 1.5 1.6	5.1 6.8 7.5 6.5	ND 2.0 ND 0.5	7.3 5.8 8.0 CHROM	ND ND ND EUM (ug/L JUN	6.6 11.2 9.4 7.5 8.7	ND ND ND ND	5.7 13.5 8.1 8.1	ND 1.5 2.7 1.4	7.2 7.6 9.1 7.8	ND ND ND 4.1	10.6 5.2 5.7 7.0	ND 2.2 1.3 ND 0.9	7.3 11.6 4.7 8.6 8.1	1.4 1.5 ND 1.7 1.2	12.6 8.1 7.2 9.3	2.4 3.0 2.4
Average Week	10.9 8.5 Inf	ND ND ND JAN Eff	4.2 7.1 5.8	1.8 2.1 2.3 FEB Eff	5.8 10.3 9.6 8.1	1.8 2.1 1.9 1.5 MAR Eff	7.7 9.0 7.9 9.3	<1.2 1.2 1.5 1.6 APR Eff	5.1 6.8 7.5	ND 2.0 ND 0.5	7.3 5.8 8.0 CHROMI	ND ND ND UM (ug/L JUN Eff	6.6 11.2 9.4 7.5 8.7) 2008	ND ND ND ND	5.7 13.5 8.1 8.1 Inf	ND 1.5 2.7 1.4 AUG Eff	7.2 7.6 9.1 7.8	ND ND 4.1 SEP Eff	10.6 5.2 5.7 7.0	ND 2.2 1.3 ND 0.9 OCT Eff	7.3 11.6 4.7 8.6	1.4 1.5 ND 1.7	12.6 8.1 7.2 9.3	2.4 3.0 2.4 DEC Eff
Average	10.9 8.5	ND ND ND	4.2 7.1 5.8	1.8 2.1 2.3	5.8 10.3 9.6 8.1	1.8 2.1 1.9 1.5	7.7 9.0 7.9 9.3	<1.2 1.2 1.5 1.6	5.1 6.8 7.5 6.5	ND 2.0 ND 0.5	7.3 5.8 8.0 CHROM	ND ND ND EUM (ug/L JUN	6.6 11.2 9.4 7.5 8.7	ND ND ND ND	5.7 13.5 8.1 8.1	ND 1.5 2.7 1.4	7.2 7.6 9.1 7.8	ND ND ND 4.1	10.6 5.2 5.7 7.0	ND 2.2 1.3 ND 0.9	7.3 11.6 4.7 8.6 8.1	1.4 1.5 ND 1.7 1.2	12.6 8.1 7.2 9.3 Inf 4.9	2.4 3.0 2.4
Average Week	10.9 8.5 Inf 5.6	ND ND ND JAN Eff	4.2 7.1 5.8 Inf 16.7	1.8 2.1 2.3 FEB Eff 3.2	5.8 10.3 9.6 8.1 Inf	1.8 2.1 1.9 1.5 MAR Eff 3.5	7.7 9.0 7.9 9.3 Inf 3.9	<1.2 1.2 1.5 1.6 APR Eff	5.1 6.8 7.5 6.5	ND 2.0 ND 0.5	7.3 5.8 8.0 CHROMI Inf 2.9	ND ND TUM (ug/L JUN Eff ND	6.6 11.2 9.4 7.5 8.7) 2008 Inf	ND ND ND ND TOL Eff 1.3	5.7 13.5 8.1 8.1 Inf 6.8	ND 1.5 2.7 1.4 AUG Eff 2.4	7.2 7.6 9.1 7.8 Inf 8.1	ND ND ND 4.1 SEP Eff 1.7	10.6 5.2 5.7 7.0 Inf 8.0	ND 2.2 1.3 ND 0.9 OCT Eff ND	7.3 11.6 4.7 8.6 8.1	1.4 1.5 ND 1.7 1.2	12.6 8.1 7.2 9.3	2.4 3.0 2.4 DEC Eff
Average Week 1 2	10.9 8.5 Inf 5.6 6 5.9 14.8	ND ND ND JAN Eff ND ND ND ND ND ND	4.2 7.1 5.8 Inf 16.7 18.8 4.7 4.4	1.8 2.1 2.3 FEB Eff 3.2 1.8 1.7	5.8 10.3 9.6 8.1 Inf 11.7 7.7 6.3 7.6	1.8 2.1 1.9 1.5 MAR Eff 3.5 1.8 2.0 ND	7.7 9.0 7.9 9.3 Inf 3.9 7.1 9.3 3.2	<1.2 1.2 1.5 1.6 APR Eff ND ND ND ND ND	5.1 6.8 7.5 6.5 Inf	ND 2.0 ND 0.5 MAY Eff ND 2.4 ND	7.3 5.8 8.0 CHROMI Inf 2.9 4.3 4.9	ND ND SUM (ug/L JUN Eff ND ND 2.4 3.2	6.6 11.2 9.4 7.5 8.7) 2008 Inf 10.0 6.1 6.4 4.7	ND N	5.7 13.5 8.1 8.1 Inf 6.8 5.2 8.8 6.9	ND 1.5 2.7 1.4 AUG Eff 2.4 <1.2 2.1 1.3	7.2 7.6 9.1 7.8 Inf 8.1 5.5 4.2 8.9	ND ND 4.1 SEP Eff 1.7 1.5 1.4 2.0	10.6 5.2 5.7 7.0 Inf 8.0 5.5 3.2 44.4	ND 2.2 1.3 ND 0.9 OCT Eff ND <1.2 1.4 6.5	7.3 11.6 4.7 8.6 8.1 Inf	1.4 1.5 ND 1.7 1.2 NOV Eff	12.6 8.1 7.2 9.3 Inf 4.9 6.3 4.5 3.4	2.4 3.0 2.4 DEC Eff ND ND 1.2 1.3
Average Week 1 2 3	10.9 8.5 Inf 5.6 6 5.9	ND ND JAN Eff ND ND ND	4.2 7.1 5.8 Inf 16.7 18.8 4.7	1.8 2.1 2.3 FEB Eff 3.2 1.8 1.7	5.8 10.3 9.6 8.1 Inf 11.7 7.7 6.3	1.8 2.1 1.9 1.5 MAR Eff 3.5 1.8 2.0	7.7 9.0 7.9 9.3 Inf 3.9 7.1 9.3	<1.2 1.2 1.5 1.6 APR Eff ND ND ND	5.1 6.8 7.5 6.5 Inf	ND 2.0 ND 0.5 MAY Eff ND 2.4	7.3 5.8 8.0 CHROMI Inf 2.9 4.3 4.9	ND ND IUM (ug/L JUN Eff ND ND 2.4	6.6 11.2 9.4 7.5 8.7) 2008 Inf 10.0 6.1 6.4	ND N	5.7 13.5 8.1 8.1 Inf 6.8 5.2 8.8	ND 1.5 2.7 1.4 AUG Eff 2.4 <1.2 2.1	7.2 7.6 9.1 7.8 Inf 8.1 5.5 4.2	ND ND 4.1 SEP Eff 1.7 1.5 1.4	10.6 5.2 5.7 7.0 Inf 8.0 5.5 3.2	ND 2.2 1.3 ND 0.9 OCT Eff ND <1.2 1.4	7.3 11.6 4.7 8.6 8.1 Inf	1.4 1.5 ND 1.7 1.2 NOV Eff	12.6 8.1 7.2 9.3 Inf 4.9 6.3 4.5	2.4 3.0 2.4 DEC Eff ND ND 1.2
Week 1 2 3 4	10.9 8.5 Inf 5.6 6 5.9 14.8	ND ND ND JAN Eff ND ND ND ND ND ND	4.2 7.1 5.8 Inf 16.7 18.8 4.7 4.4	1.8 2.1 2.3 FEB Eff 3.2 1.8 1.7	5.8 10.3 9.6 8.1 Inf 11.7 7.7 6.3 7.6	1.8 2.1 1.9 1.5 MAR Eff 3.5 1.8 2.0 ND	7.7 9.0 7.9 9.3 Inf 3.9 7.1 9.3 3.2	<1.2 1.2 1.5 1.6 APR Eff ND ND ND ND ND	5.1 6.8 7.5 6.5 Inf	ND 2.0 ND 0.5 MAY Eff ND 2.4 ND	7.3 5.8 8.0 CHROM! Inf 2.9 4.3 4.9 13.7 6.5	ND ND TUM (ug/L JUN Eff ND ND 2.4 3.2 1.4	6.6 11.2 9.4 7.5 8.7) 2008 Inf 10.0 6.1 6.4 4.7 6.8	ND N	5.7 13.5 8.1 8.1 Inf 6.8 5.2 8.8 6.9	ND 1.5 2.7 1.4 AUG Eff 2.4 <1.2 2.1 1.3	7.2 7.6 9.1 7.8 Inf 8.1 5.5 4.2 8.9	ND ND 4.1 SEP Eff 1.7 1.5 1.4 2.0	10.6 5.2 5.7 7.0 Inf 8.0 5.5 3.2 44.4	ND 2.2 1.3 ND 0.9 OCT Eff ND <1.2 1.4 6.5	7.3 11.6 4.7 8.6 8.1 Inf	1.4 1.5 ND 1.7 1.2 NOV Eff	12.6 8.1 7.2 9.3 Inf 4.9 6.3 4.5 3.4	2.4 3.0 2.4 DEC Eff ND ND 1.2 1.3
Week 1 2 3 4	10.9 8.5 Inf 5.6 6 5.9 14.8	ND ND ND JAN Eff ND ND ND ND ND ND	4.2 7.1 5.8 Inf 16.7 18.8 4.7 4.4	1.8 2.1 2.3 FEB Eff 3.2 1.8 1.7	5.8 10.3 9.6 8.1 Inf 11.7 7.7 6.3 7.6	1.8 2.1 1.9 1.5 MAR Eff 3.5 1.8 2.0 ND	7.7 9.0 7.9 9.3 Inf 3.9 7.1 9.3 3.2	<1.2 1.2 1.5 1.6 APR Eff ND ND ND ND ND	5.1 6.8 7.5 6.5 Inf	ND 2.0 ND 0.5 MAY Eff ND 2.4 ND	7.3 5.8 8.0 CHROM! Inf 2.9 4.3 4.9 13.7 6.5	ND ND SUM (ug/L JUN Eff ND ND 2.4 3.2	6.6 11.2 9.4 7.5 8.7) 2008 Inf 10.0 6.1 6.4 4.7 6.8	ND N	5.7 13.5 8.1 8.1 Inf 6.8 5.2 8.8 6.9	ND 1.5 2.7 1.4 AUG Eff 2.4 <1.2 2.1 1.3	7.2 7.6 9.1 7.8 Inf 8.1 5.5 4.2 8.9	ND ND 4.1 SEP Eff 1.7 1.5 1.4 2.0	10.6 5.2 5.7 7.0 Inf 8.0 5.5 3.2 44.4	ND 2.2 1.3 ND 0.9 OCT Eff ND <1.2 1.4 6.5	7.3 11.6 4.7 8.6 8.1 Inf	1.4 1.5 ND 1.7 1.2 NOV Eff	12.6 8.1 7.2 9.3 Inf 4.9 6.3 4.5 3.4	2.4 3.0 2.4 DEC Eff ND ND 1.2 1.3
Week 1 2 3 4	10.9 8.5 Inf 5.6 6 5.9 14.8	ND ND ND JAN Eff ND ND ND ND ND ND ND ND	4.2 7.1 5.8 Inf 16.7 18.8 4.7 4.4	1.8 2.1 2.3 FEB Eff 3.2 1.8 1.7 1.6 2.1	5.8 10.3 9.6 8.1 Inf 11.7 7.7 6.3 7.6	1.8 2.1 1.9 1.5 MAR Eff 3.5 1.8 2.0 ND	7.7 9.0 7.9 9.3 Inf 3.9 7.1 9.3 3.2	<1.2 1.2 1.5 1.6 APR Eff ND ND ND ND ND	5.1 6.8 7.5 6.5 Inf 10.3 12.1 3.9 8.8	ND 2.0 ND 0.5 MAY Eff ND 2.4 ND 0.8	7.3 5.8 8.0 CHROM! Inf 2.9 4.3 4.9 13.7 6.5	ND ND UM (ug/L JUN Eff ND ND 2.4 3.2 1.4 LUM (ug/L LUM (ug/L LUM (ug/L LUM (ug/L LUM ND ND ND LUM (ug/L LUM (ug/L LUM (ug/L LUM (ug/L LUM ND	6.6 11.2 9.4 7.5 8.7) 2008 Inf 10.0 6.1 6.4 4.7 6.8	ND ND ND ND SUL Eff 1.3 ND	5.7 13.5 8.1 8.1 Inf 6.8 5.2 8.8 6.9	ND 1.5 2.7 1.4 AUG Eff 2.4 <1.2 2.1 1.3	7.2 7.6 9.1 7.8 Inf 8.1 5.5 4.2 8.9	ND ND ND 4.1 SEP Eff 1.7 1.5 1.4 2.0	10.6 5.2 5.7 7.0 Inf 8.0 5.5 3.2 44.4	ND 2.2 1.3 ND 0.9 OCT Eff ND <1.2 1.4 6.5 2.0	7.3 11.6 4.7 8.6 8.1 Inf	1.4 1.5 ND 1.7 1.2 NOV Eff 2.3 1.5 3.0 2.3	12.6 8.1 7.2 9.3 Inf 4.9 6.3 4.5 3.4	2.4 3.0 2.4 DEC Eff ND ND 1.2 1.3
Week 1 2 3 4 Average	10.9 8.5 Inf 5.6 6 5.9 14.8 8.1 Inf 2.8	ND ND ND JAN Eff ND ND ND ND ND ND ND 1.4	4.2 7.1 5.8 Inf 16.7 18.8 4.7 4.4 11.2	1.8 2.1 2.3 FEB Eff 3.2 1.8 1.7 1.6 2.1	5.8 10.3 9.6 8.1 Inf 11.7 7.7 6.3 7.6 8.3	1.8 2.1 1.9 1.5 MAR Eff 3.5 1.8 2.0 ND 1.8	7.7 9.0 7.9 9.3 Inf 3.9 7.1 9.3 3.2 5.9	<1.2 1.2 1.5 1.6 APR Eff ND ND ND ND ND APR Eff 2.0	5.1 6.8 7.5 6.5 Inf 10.3 12.1 3.9 8.8	ND 2.0 ND 0.5 MAY Eff ND 2.4 ND 0.8 MAY Eff 2.7	7.3 5.8 8.0 CHROM: Inf 2.9 4.3 4.9 13.7 6.5 CHROM:	ND ND ND Ug/L JUN Eff 1.4	6.6 11.2 9.4 7.5 8.7) 2008 Inf 10.0 6.1 6.4 4.7 6.8) 2009 Inf 5.0	ND N	5.7 13.5 8.1 8.1 Inf 6.8 5.2 8.8 6.9 6.9	ND 1.5 2.7 1.4 AUG Eff 2.4 <1.2 2.1 1.3 1.5 AUG Eff <1.2 1.5	7.2 7.6 9.1 7.8 Inf 8.1 5.5 4.2 8.9 6.7	ND ND ND ND 1.1 SEP Eff 1.7 1.5 1.4 2.0 1.7 SEP Eff	10.6 5.2 5.7 7.0 Inf 8.0 5.5 3.2 44.4 15.3	ND 2.2 1.3 ND 0.9 OCT Eff ND <1.2 1.4 6.5 2.0 OCT Eff 1.5	7.3 11.6 4.7 8.6 8.1 Inf 8.5 5.0 7.6 7.0	1.4 1.5 ND 1.7 1.2 NOV Eff 2.3 1.5 3.0 2.3	12.6 8.1 7.2 9.3 Inf 4.9 6.3 4.5 3.4 4.8	2.4 3.0 2.4 DEC Eff ND ND 1.2 1.3 0.6
Week 1 2 3 4 Average	10.9 8.5 Inf 5.6 6 5.9 14.8 8.1 Inf 2.8 3.7	ND ND ND STAN ND	4.2 7.1 5.8 Inf 16.7 18.8 4.7 4.4 11.2	1.8 2.1 2.3 FEB Eff 3.2 1.8 1.7 1.6 2.1	5.8 10.3 9.6 8.1 Inf 11.7 7.7 6.3 7.6 8.3	1.8 2.1 1.9 1.5 MAR Eff 3.5 1.8 2.0 ND 1.8	7.7 9.0 7.9 9.3 Inf 3.9 7.1 9.3 3.2 5.9	<1.2 1.2 1.5 1.6 APR Eff ND ND ND ND APR Eff 2.0 2.2	5.1 6.8 7.5 6.5 Inf 10.3 12.1 3.9 8.8	ND 2.0 ND 0.5 MAY Eff ND 2.4 ND 0.8 MAY Eff 2.7 6.8	7.3 5.8 8.0 CHROM: Inf 2.9 4.3 4.9 13.7 6.5 CHROM: Inf 9.3 5.8	ND ND ND Ug/L JUN Eff ND ND 2.4 3.2 1.4 Ug/L JUN EUM (ug/L JUN Eff 2.0 1.5	6.6 11.2 9.4 7.5 8.7) 2008 Inf 10.0 6.1 6.4 4.7 6.8) 2009 Inf 5.0 7.1	ND N	5.7 13.5 8.1 8.1 Inf 6.8 5.2 8.8 6.9 6.9	AUG Eff 2.4 <1.2 2.1 1.3 1.5 AUG Eff <1.2 2.1 1.3	7.2 7.6 9.1 7.8 Inf 8.1 5.5 4.2 8.9 6.7	ND ND ND 4.1 SEP Eff 1.7 1.5 1.4 2.0 1.7	10.6 5.2 5.7 7.0 Inf 8.0 5.5 3.2 44.4 15.3	ND 2.2 1.3 ND 0.9 OCT Eff ND <1.2 1.4 6.5 2.0 OCT Eff 1.5 1.6	7.3 11.6 4.7 8.6 8.1 Inf 8.5 5.0 7.6 7.0	1.4 1.5 ND 1.7 1.2 NOV Eff 2.3 1.5 3.0 2.3 NOV Eff 1.9 2.8	12.6 8.1 7.2 9.3 Inf 4.9 6.3 4.5 3.4 4.8	2.4 3.0 2.4 DEC Eff ND ND 1.2 1.3 0.6
Week 1 2 3 4 Average	Inf 5.6 6 5.9 14.8 8.1 Inf 2.8 3.7 3.5	ND N	4.2 7.1 5.8 Inf 16.7 18.8 4.7 4.4 11.2	1.8 2.1 2.3 FEB Eff 3.2 1.8 1.7 1.6 2.1 FEB Eff 2.7 1.8	5.8 10.3 9.6 8.1 Inf 11.7 7.7 6.3 7.6 8.3 Inf	1.8 2.1 1.9 1.5 MAR Eff 3.5 1.8 2.0 ND 1.8	7.7 9.0 7.9 9.3 Inf 3.9 7.1 9.3 3.2 5.9 Inf 6.4 10.5 9.5	<1.2 1.2 1.5 1.6 APR Eff ND N	5.1 6.8 7.5 6.5 Inf 10.3 12.1 3.9 8.8	ND 2.0 ND 0.5 MAY Eff ND 2.4 ND 0.8 MAY Eff 2.7 6.8 4.0	7.3 5.8 8.0 CHROM: Inf 2.9 4.3 4.9 13.7 6.5 CHROM: Inf 9.3 5.8 5.1	ND ND ND Ug/L JUN Eff ND ND 2.4 3.2 1.4 EUM (ug/L JUN Eff 2.0 1.5 2.9	6.6 11.2 9.4 7.5 8.7) 2008 Inf 10.0 6.1 6.4 4.7 6.8) 2009 Inf 5.0 7.1 8.1	ND N	5.7 13.5 8.1 8.1 Inf 6.8 5.2 8.8 6.9 6.9	ND 1.5 2.7 1.4 AUG Eff 2.4 <1.2 2.1 1.3 1.5 AUG Eff <1.2 2.1 5.3 1.5	7.2 7.6 9.1 7.8 Inf 8.1 5.5 4.2 8.9 6.7	ND N	10.6 5.2 5.7 7.0 Inf 8.0 5.5 3.2 44.4 15.3	ND 2.2 1.3 ND 0.9 OCT Eff ND <1.2 1.4 6.5 2.0 OCT Eff 1.5 1.6 1.3	7.3 11.6 4.7 8.6 8.1 Inf 8.5 5.0 7.6 7.0	1.4 1.5 ND 1.7 1.2 NOV Eff 2.3 1.5 3.0 2.3 NOV Eff 1.9 2.8	12.6 8.1 7.2 9.3 Inf 4.9 6.3 4.5 3.4 4.8	2.4 3.0 2.4 DEC Eff ND ND 1.2 1.3 0.6
Week 1 2 3 4 Average	10.9 8.5 Inf 5.6 6 5.9 14.8 8.1 Inf 2.8 3.7	ND ND ND STAN ND	4.2 7.1 5.8 Inf 16.7 18.8 4.7 4.4 11.2	1.8 2.1 2.3 FEB Eff 3.2 1.8 1.7 1.6 2.1	5.8 10.3 9.6 8.1 Inf 11.7 7.7 6.3 7.6 8.3	1.8 2.1 1.9 1.5 MAR Eff 3.5 1.8 2.0 ND 1.8	7.7 9.0 7.9 9.3 Inf 3.9 7.1 9.3 3.2 5.9	<1.2 1.2 1.5 1.6 APR Eff ND ND ND ND APR Eff 2.0 2.2	5.1 6.8 7.5 6.5 Inf 10.3 12.1 3.9 8.8	ND 2.0 ND 0.5 MAY Eff ND 2.4 ND 0.8 MAY Eff 2.7 6.8	7.3 5.8 8.0 CHROM: Inf 2.9 4.3 4.9 13.7 6.5 CHROM: Inf 9.3 5.8	ND ND ND Ug/L JUN Eff ND ND 2.4 3.2 1.4 Ug/L JUN EUM (ug/L JUN Eff 2.0 1.5	6.6 11.2 9.4 7.5 8.7) 2008 Inf 10.0 6.1 6.4 4.7 6.8) 2009 Inf 5.0 7.1	ND N	5.7 13.5 8.1 8.1 Inf 6.8 5.2 8.8 6.9 6.9	AUG Eff 2.4 <1.2 2.1 1.3 1.5 AUG Eff <1.2 2.1 1.3	7.2 7.6 9.1 7.8 Inf 8.1 5.5 4.2 8.9 6.7	ND ND ND 4.1 SEP Eff 1.7 1.5 1.4 2.0 1.7	10.6 5.2 5.7 7.0 Inf 8.0 5.5 3.2 44.4 15.3	ND 2.2 1.3 ND 0.9 OCT Eff ND <1.2 1.4 6.5 2.0 OCT Eff 1.5 1.6	7.3 11.6 4.7 8.6 8.1 Inf 8.5 5.0 7.6 7.0	1.4 1.5 ND 1.7 1.2 NOV Eff 2.3 1.5 3.0 2.3 NOV Eff 1.9 2.8	12.6 8.1 7.2 9.3 Inf 4.9 6.3 4.5 3.4 4.8	2.4 3.0 2.4 DEC Eff ND ND 1.2 1.3 0.6

											COPPE	R (ug/L)	2004											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf 144	Eff 49	Inf	Eff	Inf 121	Eff	Inf 158	Eff	Inf 107	Eff	Inf 95	Eff 54	Inf 105	Eff	Inf 93	Eff	Inf 100	Eff	Inf 113	Eff	Inf	Eff F1	Inf	Eff 27
1 2	127	49 61	202	118	140	40 47	169	47 44	169	86 91	125	65	97	56 28	93 145	29 52	124	43 25	90	22 30	116 106	51 30	115 123	27 21
3	118	61	181	24	134	110	133	48	124	17	103	47	27	20	127	31	74	29	100	26	99	23	146	22
4	131	29	91	51	231	82	134	38	82	19	116	32	83	29	144	34	77	28	73	24	103	20	82	23
Avg	130	50	158	64	157	70	149	44	121	53	110	50	95	38	127	37	94	31	94	26	106	31	117	23
		JAN		FFD		MAR		APR		MAY	COPPE	R (ug/L)	2005	7111		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	FEB Eff	Inf	MAK Eff	Inf	Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	T111	LII	83	72	62	23	98	27	ZIII	LII	108	50	97	22	112	23	96	30	142	18	1111	LII	71	27
2	74	39	98	37	85	30	134	27	95	28	106	25	119	17	97	20	118	16	94	14	173	25	62	34
3	73	25	122	30	69	22	120	44	82	25	118	31	68	34	102	19	89	13	61	31	132	32	62	22
4	85	36	67	28	82	22	92	28	114	34	111	25	204	33	97	22	105	19	115	25	92	24	49	22
Average	77	33	93	42	75	24	111	32	97	29	111	33	122	27	101	21	102	20	103	22	133	27	61	26
											CODD	'D (/L)	2006											
		JAN		FEB		MAR		APR		MAY	COPPE	R (ug/L) JUN	2006	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	115	28	49	20	66	19	64	22	169	19	104	26	117	24	95	18	108	17	112	14	109	15	84	ND
2	83	22	86	30	62	18	82	24	123	17	114	27	205	18	97	22	106	13	143	42	76	39	76	ND
3	72	19	47	20	60	11	71	23	104	19	89	20	101	26	100	24	73	29	57	8	67	12	79	ND
4	92	20	51	17			115	42	101	28	105	28	71	23	106	15			123	14	77	19	62	ND
Average	91	22	58	22	63	16	83	28	124	21	103	25	124	23	100	20	96	20	109	20	82	21	75.3	ND
											COPPE	R (ug/L)	2007											
		JAN		FEB		MAR		APR		MAY	20.12	JUN	2007	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	92	15	52	26	79	14	104	15	79	9	139	15	106	14	96	48	85	18	117	18	90	11		
2	80	14	32	16	87	16	93	15	89	8	100	12	118	33	112	10	96	16	97	14	94	18	75	11
3	60	15	47	13	94	14	92	12	97	9	102	11	135	27	84	51	120	10	76	7	68	21	87	12
4 Average	99 83	14 15	44	18	99 90	10 14	99 97	17 15	91 89	9	114	13	112 118	65 35	102 99	11 30	117 105	13	93 96	6 11	91 86	11 15	79 80	17 13
Average	63	13	44	10	50	14	37	15	65	,	114	13	110	33	33	30	103	13	90	11	80	13	86	13
											COPPE	R (ug/L)	2008											
		JAN		FEB		MAR		APR		MAY	COPPE	JUN		JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	NOV Eff	Inf	Eff
1	60	Eff 11	66	Eff 17	88	Eff 20	75	Eff 22		Eff	Inf 73	JUN Eff 22	Inf 111	Eff 15	113	Eff 20	70	Eff 20	91	Eff 19		Eff	130	Eff 25
1 2	60 100	Eff 11 14	66 153	Eff 17 16	88 93	20 23	75 93	22 21	86	Eff 22	Inf 73 100	JUN Eff 22 24	Inf 111 102	Eff 15 15	113 106	Eff 20 14	70 97	Eff 20 21	91 105	Eff 19 17	91	Eff 18	130 111	Eff 25 22
1	60 100 84	11 14 10	66 153 76	17 16 15	88 93 84	20 23 21	75 93 98	22 21 18	86 77	22 18	Inf 73 100 117	JUN Eff 22 24 35	Inf 111 102 109	15 15 14	113 106 131	20 14 16	70 97 89	20 21 22	91 105 48	19 17 17	91 88	18 19	130 111 81	25 22 24
1 2 3	60 100	Eff 11 14	66 153	Eff 17 16	88 93	20 23	75 93	22 21	86	Eff 22	Inf 73 100	JUN Eff 22 24	Inf 111 102	Eff 15 15	113 106	Eff 20 14	70 97	Eff 20 21	91 105	Eff 19 17	91	Eff 18	130 111	Eff 25 22
1 2 3 4	60 100 84 71	Eff 11 14 10 8	66 153 76 63	Eff 17 16 15 18	88 93 84 77	20 23 21 15	75 93 98 91	22 21 18 17	86 77 70	22 18 21	Inf 73 100 117 121 103	JUN Eff 22 24 35 17 25	Inf 111 102 109 103 106	Eff 15 15 14 22	113 106 131 125	20 14 16 16	70 97 89 110	20 21 22 78	91 105 48 106	19 17 17 23	91 88 106	18 19 22	130 111 81 78	Eff 25 22 24 20
1 2 3 4	60 100 84 71	Eff 11 14 10 8 11	66 153 76 63	Eff 17 16 15 18 17	88 93 84 77	20 23 21 15 20	75 93 98 91	22 21 18 17 20	86 77 70	22 18 21 20	Inf 73 100 117 121 103	JUN Eff 22 24 35 17 25	Inf 111 102 109 103 106	Eff 15 15 14 22 17	113 106 131 125	Eff 20 14 16 16 17	70 97 89 110	Eff 20 21 22 78 35	91 105 48 106	Eff 19 17 17 23 19	91 88 106	18 19 22 20	130 111 81 78	25 22 24 20 23
1 2 3 4 Average	60 100 84 71 79	Eff 11 14 10 8 11	66 153 76 63 90	Eff 17 16 15 18 17	88 93 84 77 86	20 23 21 15 20	75 93 98 91 89	22 21 18 17 20	86 77 70 78	22 18 21 20	Inf 73 100 117 121 103	JUN Eff 22 24 35 17 25 ER (ug/L) JUN	Inf 111 102 109 103 106	Eff 15 15 14 22 17	113 106 131 125 119	20 14 16 16 17	70 97 89 110 92	20 21 22 78 35	91 105 48 106 88	Eff 19 17 17 23 19	91 88 106 95	18 19 22 20 NOV	130 111 81 78 100	25 22 24 20 23
1 2 3 4	60 100 84 71	Eff 11 14 10 8 11	66 153 76 63	Eff 17 16 15 18 17	88 93 84 77	20 23 21 15 20	75 93 98 91 89	22 21 18 17 20 APR Eff	86 77 70 78	22 18 21 20 MAY Eff	Inf 73 100 117 121 103	JUN Eff 22 24 35 17 25 ER (ug/L) JUN Eff	Inf 111 102 109 103 106	Eff 15 15 14 22 17 JUL Eff	113 106 131 125	20 14 16 16 17 AUG Eff	70 97 89 110	Eff 20 21 22 78 35	91 105 48 106 88	Eff 19 17 17 23 19	91 88 106 95	18 19 22 20 NOV Eff	130 111 81 78 100	25 22 24 20 23 DEC Eff
1 2 3 4 Average	60 100 84 71 79	Eff 11 14 10 8 11 JAN Eff	66 153 76 63 90	Eff 17 16 15 18 17 FEB Eff	88 93 84 77 86	20 23 21 15 20	75 93 98 91 89	22 21 18 17 20	86 77 70 78	22 18 21 20	Inf 73 100 117 121 103 COPPE	JUN Eff 22 24 35 17 25 ER (ug/L) JUN	Inf 111 102 109 103 106 2009	Eff 15 15 14 22 17	113 106 131 125 119	20 14 16 16 17	70 97 89 110 92	20 21 22 78 35	91 105 48 106 88	Eff 19 17 17 23 19	91 88 106 95	18 19 22 20 NOV	130 111 81 78 100	25 22 24 20 23 DEC Eff
1 2 3 4 Average	60 100 84 71 79 Inf	Eff 11 14 10 8 11 JAN Eff 28	66 153 76 63 90 Inf	Eff 17 16 15 18 17 FEB Eff 34	88 93 84 77 86	Eff 20 23 21 15 20 MAR Eff	75 93 98 91 89 Inf	22 21 18 17 20 APR Eff	86 77 70 78 Inf	22 18 21 20 MAY Eff 25	Inf 73 100 117 121 103 COPPE Inf	JUN Eff 22 24 35 17 25 ER (ug/L) JUN Eff 22	Inf 111 102 109 103 106 2009 Inf 120	Eff 15 15 14 22 17 JUL Eff 22	113 106 131 125 119 Inf	20 14 16 16 17 AUG Eff	70 97 89 110 92	20 21 22 78 35 SEP Eff	91 105 48 106 88 Inf 253.0	Eff 19 17 17 23 19 OCT Eff 13.3	91 88 106 95 Inf 107.0	18 19 22 20 NOV Eff 15.4	130 111 81 78 100 Inf	25 22 24 20 23 DEC Eff
1 2 3 4 Average	60 100 84 71 79 Inf 64 85	Eff 11 14 10 8 11 JAN Eff 28 21	66 153 76 63 90 Inf 138 106	Eff 17 16 15 18 17 FEB Eff 34 26	88 93 84 77 86 Inf	Eff 20 23 21 15 20 MAR Eff	75 93 98 91 89 Inf 104 105	22 21 18 17 20 APR Eff 17 13	86 77 70 78 Inf 118 125	22 18 21 20 MAY Eff 25 23	Inf 73 100 117 121 103 COPPE Inf 127 103	JUN Eff 22 24 35 17 25 ER (ug/L) JUN Eff 22 15	Inf 111 102 109 103 106 2009 Inf 120 110	Eff 15 15 14 22 17 JUL Eff 22 22	113 106 131 125 119 Inf 134 117	Eff 20 14 16 16 17 AUG Eff 22 21	70 97 89 110 92 Inf	20 21 22 78 35 SEP Eff	91 105 48 106 88 Inf 253.0 90.2	Eff 19 17 17 23 19 OCT Eff 13.3 16.4	91 88 106 95 Inf 107.0 52.0	18 19 22 20 NOV Eff 15.4 16.9	130 111 81 78 100 Inf 110 40.6	25 22 24 20 23 DEC Eff 15.6 18.6

											LEAD	(ug/L) 20	04											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	25	ND			ND	ND	ND	ND	ND	ND	ND	ND	5.9	ND	3.2	ND	4.5	ND	4	ND	4.2	<1.4	2.8	ND
2	ND	ND	ND	23	ND	ND	ND	ND	ND	ND	3.6	ND	4.7	ND	4.9	ND	2	ND	5.2	1.9	2.3	ND	ND	ND
3	ND	<18.0	ND	ND	ND	ND	ND	ND	ND	ND	5	1.9	2.0	ND	5.4	ND	2.3	ND	8.7	2	3	ND	3.3	ND
4	ND .	ND 0	ND ND	7.7	ND ND	ND ND	ND ND	18 4.5	ND ND	ND ND	3.7	ND 0.5	4.5	ND ND	6.3	ND ND	ND 3	ND ND	5.5	ND 1.95	2.9 3.1	ND Ø	2	ND ND
Avg	6.3	0	ND	7.7	ND	ND	ND	4.5	ND	ND	3./	0.5	4.5	ND	5	ND	3	ND	5.5	1.95	3.1	О	2	ND
											LEAD	(ug/L) 20	05											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1			1.5	ND	ND	ND	ND	ND			2.1	<1.4	5	ND	3.5	ND	1.8	ND	4.7	ND			ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	4.3	ND	3.3	ND	3.4	ND	1.6	ND	4	ND	2.6	ND	2.3	ND	3.1	ND
3	ND	ND	ND	ND	ND	ND	ND	<1.4	2.9	ND	2.5	ND	2.8	ND	1.6	ND	3.9	ND	ND	ND	3.4	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	ND	ND	4.8	ND	3.3	ND	2.4	ND	ND	ND	6.1	ND	3.5	ND	5	ND	ND	ND
Average	ND	ND	0.4	ND	ND	ND	ND	0	4	ND	2.8	0	3.4	ND	1.7	ND	4	ND	2.7	ND	3.6	ND	0.8	ND
											LEAD	(ug/L) 20	96											
		JAN		FEB		MAR		APR		MAY	LEAD	JUN	00	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	3.6	2.6	2.5	ND	2.3	ND	3.1	ND	6	ND	2.3	ND	2.2	ND	5.8	0	4.9	ND	3.7	ND	4.9	ND	2.8	ND
2	3.5	ND	2.7	ND	3.5	ND	7.5	1.9	4.2	1.9	3.2	1.8	11.7	1.8	5.7	1.5	5.7	ND	2.2	ND	3.2	ND	ND	ND
3	1.7	ND	3.4	2.1	ND	ND	5.1	ND	4.3	ND	4.9	ND	10.9	5.3	5.8	3	3.7	ND	ND	ND	1.9	ND	2.4	ND
4	3.1	2.3	3.4	ND			5.8	ND	3.8	ND	5.1	ND	4.1	ND	4.4	1.7			ND	ND	2.7	ND	ND	ND
Average	3.0	1.2	3.0	0.5	1.9	ND	5.4	0.5	4.6	0.5	3.9	0.5	7.2	1.8	5.4	1.6	4.8	ND	1.5	ND	3.2	ND	1.3	ND
		744		FFD		MAD		ADD		MAY	LEAD	(ug/L) 20	07	7111		ALIC		SEP		ОСТ		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
1	4.6	ND	ND	ND	6.6	ND ND	3.1	ND ND	ND	ND	2.9	ND ND	ND	ND	3.7	ND ND	ND	ND ND	3.8	ND	2.9	ND	THT	ETT
2	ND	ND	ND	ND	5.8	ND	ND	ND	2.2	ND	ND	ND	6.7	ND	ND	ND	ND	ND	2.7	ND	2.1	ND	ND	ND
3	ND	ND	ND	ND	5.3	ND	4.2	ND	ND	ND	ND	ND	2.9	ND	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND
4	5.6	ND			3.9	ND	2.5	ND	ND	ND			ND	ND	2.2	ND	2.5	ND	ND	ND	5.4	ND	ND	ND
Average	2.6	ND	ND	ND	5.4	ND	2.5	ND	2.2	ND	1	ND	2.4	ND	1.5	ND	2.5	ND	1.5	ND	3.2	ND	ND	ND
											LEAD	(ug/L) 20	08											
Maak	Inf	JAN Eff	Inf	FEB Eff	Tof	MAR Eff	Tof	APR Eff	Inf	MAY Eff	T £	JUN Eff	T £	JUL Eff	Inf	AUG Eff	T £	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Tof	DEC Eff
Week 1	6.7	ND	ND	ND	Inf ND	ND ND	Inf ND	ND ND	TIIT	ETT	Inf ND	ND	Inf ND	ND	2.4	ND ND	Inf 2.4	ND ND	3.4	ND	THT	ETT	Inf 4.8	ND
2	2.9	ND	5.3	ND	ND	ND	ND	ND	4.3	ND	ND	ND	ND	ND	2.4	ND	ND	ND	4	ND	3.3	ND	4.8	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	3.3	ND	ND	ND	2.5	ND	3	<2.0	3.6	ND
4	2.5	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	3.3	ND	ND	ND	3	ND	4.9	ND	3.3	ND
Average	3	ND	1.3	ND	ND	ND	ND	ND	4.3	ND	ND	ND	ND	ND	2.98	ND	0.6	ND	3.23	ND	3.7	0	4.0	ND
											LEAD	(ug/L) 20	08											
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
week 1	ND	ND ND	5.3	ND	TUL	ETT	2.9	ND ND	3.1	ND ND	3.3	ND ND	3.3	ND ND	3.4	ND ND	THT	ETT	7.9	ND ND	3.0	ND	2.7	ND ND
2	ND ND	ND ND	3.2	ND ND	ND	ND	3.8	ND ND	2.9	ND ND	3.6	ND ND	3.8	ND	4.5	ND ND	ND	ND	ND	ND ND	ND	ND	ND	ND ND
3	2.6	ND	2.4	ND	ND	ND	2.2	ND	3.9	ND	3.2	ND	4.7	ND	0	ND	ND	ND	2.9	ND	ND	ND	2.3	ND
4	2.7	ND	2.2	ND	2.9	ND	2.5	ND	3.8	ND	5.2	ND	2.6	ND	4.3	ND	ND	ND	2	ND	2.7	ND	2.7	ND
Average	1.3	ND	3.3	ND	1	ND	2.9	ND	3.4	ND	3.8	ND	3.6	ND	3.1	ND	ND	ND	3.20	ND	1.4	ND	1.9	ND

											NICKI	EL (ug/L)	2004											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	21	ND			ND	ND	ND	ND	ND	ND	9	9	14	10	11	8	12	8	14	10	15	12	9	6
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	8	13	8	21	22	14	9	12	8	11	8	10	7
3 4	ND 19	ND 22	ND ND	ND <14	ND ND	ND ND	14 17	ND ND	ND ND	ND ND	15 9	7 8	12	10	14 20	17 10	11 10	9 7	17 13	10 9	10 8	7 6	11 8	6 6
Avg	10	6	ND ND	0	ND ND	ND ND	8	ND ND	ND ND	ND ND	12	8	13	9	17	14	12	8	14	9	11	8	10	6
Avg	10	0	ND	U	ND	ND	0	ND	ND	ND	12	0	15	,	1/	14	12	0	14	,	11	0	10	0
											NICK	EL (ug/L)	2005											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1			12	10	6	6	8	18			12	13	8	8	10	9	8	7	9	7			11	12
2	9	9	5	11	7	8	9	4	10	7	10	21	9	5	8	7	28	11	11	6	16	7	13	7
3	8	7	16	4	8	7	8	8	8	7	12	18	8	7	9	7	9	7	8	6	10	11	10	8
4	9	8	11 11	11 9	13 9	7		7	10 9	12 9	14 12	11 16	10 9	<u>8</u> 7	<u>6</u> 8	7 8	8 13	7 8	12 10	7	9 12	<u>8</u> 9	15 12	9
Average	9	8	11	9	9	,	8	9	9	9	12	16	9	/	8	8	13	8	10	/	12	9	12	9
											NICKI	EL (ug/L)	2006											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	19	7	9	8	8	7	8	7	10	8	18	12	15	11	9	7	24	14	19	10	17	12	11	10
2	11	8	8	7	9	7	13	5	13	6	14	8	20	10	12	8	19	12	16	10	16	10	8	9
3	12	7	9	7	8	6	9	6	10	8	21	13	12	9	25	13	9	7	22	17	9	10	14	11
4	10	7	8	7			14	13	9	7	13	8	19	10	13	9			28	17	10	10	13	18
Average	13	7	9	7	8	7	11	8	11	7	17	10	17	10	15	9	17	11	21	14	13	10.5	12	12
											NTCKI	EL (ug/L)	2007											
		JAN		FEB		MAR		APR		MAY	NICKI	JUN	2007	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	10	6	23	17	8	7	16	10	11	7	11	7	10	6	10	9	17	14	13	7	14	8		
2	17	11	9	10	10	8	12	9	9	6	12	7	11	6	15	8	12	7	12	9	13	8	21	13
3	15	11	11	9	15	11	17	10	10	6	9	6	16	7	16	11	11	5	8	6	8	6	17	10
4	16	9			34	19	11	7	10	6			14	8	11	9	18	9	11	7	11	7	12	7
Average	15	9	14	12	17	11	14	9	10	6	11	7	13	7	13	9	15	9	11	7	12	7	17	10
											NTCKI	EL (ug/L)	2008											
		JAN		FEB		MAR		APR		MAY		JUN	2000	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	11	8	32	23	25	12	10	7			9	7	18	12	12	7	18	10	13	9			10	5
2	11	8	23	11	12	9	9	5	21	19	9	6	13	9	10	7	11	7	9	7	10	7	11	6
3	12	8	7	6	14	7	12	7	12	8	11	7	12	8	17	10	16	11	9	8	7	5	8	5
4	20	14	8	6	10	7	8	5	11	8	31	17	8	6	11	7	22	11	31	18	14	9	7	5
Average																								
	14	10	18	12	15	9	10	6	15	12	15	9	13	9	13	8	17	10	16	11	10	7	9	5
	14	10	18	12	15	9	10	6	15	12		_		9	13	8	17	10	16	11	10	7	9	5
	14	10 JAN	18	12 FEB	15	9 Mar	10	6 APR	15	12 MAY		9 EL (ug/L) JUN		JUL	13	8 AUG	17	10 SEP	16	OCT	10	7 NOV	9	DEC
Week	14 Inf		18 Inf		15 Inf		10		15 Inf			EL (ug/L)			13		17 Inf		16 Inf		10 Inf		9 Inf	
Week 1		JAN		FEB		MAR		APR		MAY	NICK	EL (ug/L) JUN	2009	JUL		AUG		SEP		ОСТ		NOV		DEC
	Inf	JAN Eff	Inf	FEB Eff		MAR	Inf	APR Eff	Inf	MAY Eff	NICKI Inf	EL (ug/L) JUN Eff	2009 Inf	JUL Eff	Inf	AUG Eff		SEP	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
1	Inf 6	JAN Eff 5	Inf 24	FEB Eff 15	Inf	MAR Eff	Inf 9	APR Eff 7	Inf 8	MAY Eff 6	NICKI Inf 15	EL (ug/L) JUN Eff 9	2009 Inf 12	JUL Eff 7	Inf 9	AUG Eff 7	Inf	SEP Eff 10 8	Inf 25.1	OCT Eff 6.6	Inf 8.6	NOV Eff 6.7	Inf 12.5	DEC Eff 5.8
1 2	Inf 6 7	JAN Eff 5 5	Inf 24 9	FEB Eff 15 7	Inf 7	MAR Eff 6	Inf 9 16	APR Eff 7 10	Inf 8 14	MAY Eff 6 15	NICKI Inf 15 11	EL (ug/L) JUN Eff 9 8	2009 Inf 12 10	JUL Eff 7 6	<u>Inf</u> 9 8	AUG Eff 7 5	Inf 15	SEP Eff 10	Inf 25.1 9.0	0CT Eff 6.6 6.6	Inf 8.6 5.5	NOV Eff 6.7 7.1	Inf 12.5 6.7	DEC Eff 5.8 6.6

											MERCU	RY (ug/L) 2004											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND			0.38	ND	0.75	ND	0.23	ND	0.11	ND	0.22	ND	ND	ND	0.11	ND	0.32	ND	0.41	ND	0.1	ND
2	0.26	ND	0.11	ND	0.77	ND	0.19	ND	0.13	ND	0.17	ND	0.26	ND	0.19	ND	0.19	ND	0.14	ND	0.34	ND	0.16	ND
3 4	0.54 0.24	ND ND	ND 0.39	ND ND	0.2 0.18	ND ND	0.11 0.21	ND ND	ND 0.11	ND ND	0.23 0.13	ND ND	0.19	ND	0.24 0.22	ND ND	0.14 ND	ND ND	0.16 0.15	ND ND	ND 0.21	ND ND	0.15 ND	ND ND
Avg	0.24	ND ND	0.17	ND	0.38	ND ND	0.32	ND	0.11	ND ND	0.16	ND ND	0.19	ND ND	0.16	ND ND	0.11	ND ND	0.19	ND ND	0.24	ND	0.1	ND
Avg	0.20	ND	0.17	ND	0.30	ND	0.32	ND	0.12	ND	0.10	ND	0.22	ND	0.10	ND	0.11	ND	0.15	ND	0.24	ND	0.1	ND
											MERCU	RY (ug/L) 2005											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1			0.62	ND	ND	ND	0.16	ND			0.3	ND	0.11	ND	0.12	ND	ND	ND	1.03	ND			0.15	ND
2	ND	ND	0.11	ND	ND	ND	ND	ND	ND	ND	0.13	ND	ND	ND	0.1	ND	0.22	ND	0.23	<0.09	0.23	ND	0.1	ND
3	ND	ND	0.27	ND	0.11	ND	0.19	ND	0.1	ND	0.25	ND	ND	ND	0.16	ND	ND	ND	0.39	ND	0.11	ND	0.3	ND
4	ND	ND	0.1	ND	ND	ND	ND	ND	0.71	ND	0.13	ND	0.89	ND	ND	ND	0.15	ND	0.21	ND	ND	ND	ND	ND
Average	ND	ND	0.28	ND	0.03	ND	0.09	ND	0.27	ND	0.2	ND	0.25	ND	0.1	ND	0.09	ND	0.47	0	0.11	ND	0.14	ND
											MEDCII	RY (ug/L) 2006											
		JAN		FEB		MAR		APR		MAY	MERCO	JUN) 2000	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	0.87	ND	ND	ND	ND	ND	0.1	ND	0.27	ND	ND	ND	ND	ND	0.1	ND	0.59	ND	ND	ND	0.18	ND	0.44	ND
2	0.14	ND	ND	ND	0.37	ND	0.11	ND	ND	ND	ND	ND	0.55	ND	0.13	<0.09	ND	ND	0.66	ND	0.22	ND	ND	ND
3	0.19	ND	0.35	ND	ND	ND	0.16	ND	0.23	ND	ND	ND	ND	ND	0.28	ND	ND	ND	0.15	ND	ND	ND	1.11	ND
4	ND	ND	0.11	ND			0.12	ND	0.36	0.14	0.1	ND	0.12	ND	0.18	ND			0.09	ND	0.25	ND	0.18	ND
Average	0.3	ND	0.12	ND	0.12	ND	0.12	ND	0.22	0.04	0.03	ND	0.16	ND	0.17	0	0.2	ND	0.30	ND	0.16	ND	0.43	ND
											MERCU	RY (ug/L)) 2007											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND	ND	0.13	ND	0.10	ND	0.27	ND	ND	ND	0.17	ND	0.11	ND	ND	ND	0.6	ND	0.12	ND		
2 3	ND	ND	ND	ND	ND	ND	0.10	ND	0.12	ND	ND	ND	0.32	ND	0.22	ND	0.20	ND	0.22	ND	0.11	ND	ND	ND
4	ND ND	ND ND	0.12	ND	0.1 0.16	ND ND	0.10 0.13	ND ND	0.17 ND	ND ND	ND	ND	0.1 0.24	ND ND	ND 1.9	ND ND	0.26 0.20	ND ND	0.13 0.2	ND ND	ND ND	ND ND	ND ND	ND ND
Average	ND ND	ND ND	0.04	ND	0.16	ND ND	0.13	ND	0.14	ND ND	ND	ND	0.24	ND ND	0.13	ND ND	0.17	ND ND	0.29	ND ND	0.06	ND ND	ND ND	ND ND
Average	140	ND	0.04	ND	0.1	ND	0.11	ND	0.14	ND	140	ND	0.21	ND	0.15	ND	0.17	ND	0.23	ND	0.00	ND	ND	ND
											MERCU	RY (ug/L	2008											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	0.14	ND	ND	ND	0.10	ND			0.24	ND	0.31	ND	0.13	ND	0.13	ND	0.12	ND			ND	ND
2	0.11	ND	0.26	ND	ND	ND	0.14	ND	0.11	ND	ND	ND	0.14	ND	0.19	ND	0.21	ND	0.13	ND	ND	ND	0.1	ND
3	0.16	ND	0.25	ND	0.12	ND	0.19	ND	0.14	ND	0.16	ND	0.3	ND	0.25	ND	0.13	ND	0.56	ND	0.12	ND	ND	ND
4	0.21	ND	ND	ND	0.11	<0.09	0.79	ND	ND	ND	0.3	ND ND	0.25	0.13	0.12	ND	0.28	ND	0.17	ND	ND	ND	ND	ND ND
Average	0.12	ND	0.16	ND	0.06	0	0.3	ND	0.08	ND	0.18	ND	0.25	0.03	0.17	ND	0.19	ND	0.25	ND	0.04	ND	0.03	ND
											MERCU	RY (ug/L) 2009											
		JAN		FEB		MAR		APR		MAY		JUN	,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
			ND	ND			0.15	ND	0.21	ND	0.19	ND	0.13	ND	0.38	ND			0.21	ND	0.26	ND	0.37	0.23
1	ND	ND	ND	NU																				
1 2	ND 0.1	ND ND	ND	ND	ND	ND	0.32	ND	0.15	ND	0.28	ND	ND	ND	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
					ND ND	ND ND		ND ND	0.15 0	ND ND	0.28 0.2	ND ND	ND 0.67	ND ND	0.19 ND	ND ND	ND 0.14	ND ND	ND ND	ND ND	ND ND			ND ND
2	0.1	ND	ND	ND			0.32															ND	ND	

											SILV	ER (ug/L)	2004											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND			ND	ND	ND	ND	ND	ND	5.5	0.9	4.1	0.7	0.9	ND	3.7	0.4	3.6	<0.2	1.5	ND	1.7	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5	1.3	3.6	0.4	4.1	0.4	3.4	0.2	3.6	0.7	ND	ND	0.2	ND
3 4	ND ND	ND	ND	ND ND	ND	ND	ND ND	ND	ND ND	ND ND	4.7	1.5		0.0	3.8	0.6	1.1	0.2	2.9	0.4	ND	ND ND	ND	ND ND
	ND ND	ND ND	ND ND	ND ND	ND	ND	ND ND	ND ND	ND ND	ND ND	3.9 4.4	1.2	3	0.2	4.8 3.4	0.4	0.5 2.2	0.7	1.9 3	0.3	1.9	ND ND	0.9	ND ND
Avg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.4	1.2	3	0.4	3.4	0.4	2.2	0.4	3	0.4	1.9	ND	0.7	ND
											SILV	ER (ug/L)	2005											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1			0.2	ND	ND	ND	2.1	ND			2.2	0.7	0.6	ND	1.3	ND	0.8	ND	2.7	ND			0.6	ND
2	ND	ND	0.8	ND	ND	ND	2.9	0.3	2.3	0.3	2.1	ND	1.9	ND	2.1	ND	2.9	<0.2	0.6	ND ND	1.3	ND	ND	ND
3 4	ND ND	ND ND	2.2 0.9	ND ND	0.4 0.8	ND ND	3.2 0.9	<0.2 ND	2.2 2.4	ND ND	2.7 1	ND ND	0.9 1	ND ND	0.6 ND	ND ND	2.3 2.4	ND ND	ND 1.2	ND ND	1.5 10	ND ND	ND ND	ND ND
Average	ND	ND	1	ND	0.3	ND	2.3	0.1	2.3	0.1	2	0.2	1.1	ND ND	1	ND ND	2.4	0	1.1	ND	1.3	ND	0.2	ND
Average	ND	ND	-	ND	0.5	ND	2.3	0.1	2.3	0.1	-	0.2		ND	-	ND	2.1	Ü		ND	1.5	ND	0.2	ND
											SILV	ER (ug/L)	2006											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff ND	Inf	Eff ND	Inf	Eff	Inf	Eff
1	1.6	ND	ND	ND	0.2	<0.2	ND	ND	ND	ND	ND	ND	2.6	0.4	1.1	ND	1.1		2.6		2.1	0.3	3.6	ND
2 3	1.2 0.7	ND ND	ND ND	ND ND	0.3 1.3	0.2 ND	ND 1.5	ND ND	3 2.3	ND ND	2.9 1.7	ND 0.4	4.1 1	ND 0.2	1.3 1.8	ND ND	0.4 0.8	ND 0.4	3.0 1.5	ND ND	1.4 1.2	ND ND	3.2 2.8	ND 0.6
4	0.5	ND	0.2	ND	1.5	ND	5.7	ND	1.8	0.9	0.4	0.9	0.2	ND	1.9	ND	0.0	0.4	3.3	0.2	3.1	0.2	4	0.5
Average	1.0	ND	0.1	ND	0.6	0.1	1.8	ND	1.8	0.2	1.3	0.3	2.0	0.2	1.5	ND	0.8	0.1	2.6	0.1	2.0	0.1	3.4	0.3
		JAN		FEB		MAR		APR		MAY	SILVER (u	g/L) 2007 JUN	•	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	2.1	ND	0.5	ND	1.2	ND	2.4	ND	2.6	ND	3.6	ND	1.6	ND	1.4	ND	ND	ND	1.7	ND	1.6	ND		
2	1.2	ND	ND	ND	1.1	ND	1.7	ND	2.4	ND	2.0	ND	2.1	ND	2.4	ND	1.9	ND	0.7	ND	1.9	ND	ND	ND
3	1.8	0.5	ND	ND	2.1	ND	1	ND	2.8	ND	1.2	ND	2.4	ND	1.2	ND	1.9	ND	ND	ND	ND	ND	ND	ND
4	1.2	ND			3	ND	ND	ND	3	0.6			1.9	ND	1.1	ND	2.1	ND	1.8	ND	0.9	ND	0.6	ND
Average	1.6	0.1	0.2	ND	1.9	ND	1.3	ND	2.7	0.6	2.3	ND	2.0	ND	1.5	ND	1.5	ND	1.1	ND	1.1	ND	0.2	ND
											SILVER (u	g/L) 2008	;											
		JAN		FEB		MAR		APR		MAY	,	JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND	ND	1.9	0.7	ND	ND			0.8	ND	2.2	ND	1.3	ND	1.1	ND	1.3	<0.4			2.8	0.4
2	1.3	ND	2.6	ND	1.3	0.8	1.6	ND	1.3	ND	1.9	ND	2.0	0.6	1.2	ND	1.8	ND	1.6	<0.4	0.7	ND	1.1	ND
3	1.0	ND	1.4	ND	1.7	1.1	2.4	ND	1.3	ND	2.7	ND	1.4	ND	1.3	ND	0.6	0.0	0.9	ND	0.6	ND	1.0	ND
4	1.2	ND	0.9	ND	1.6	0.7	1.4	ND	0.5	ND	1.9	0.6	1.0	0.5	1.7	ND	1.9	0.6	1.4	ND	1.8	ND	0.8	ND
Average	0.9	ND	1.2	ND	1.6	0.8	1.4	ND	1.0	ND	1.8	0.2	1.7	0.3	1.4	ND	1.4	0.1	1.3	0.0	1.0	ND	1.4	0.1
											SILVER (u	g/L) 2009												
		JAN		FEB	_	MAR	_	APR	_	MAY		JUN		JUL		AUG	_	SEP	_	OCT		NOV	_	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	2.5	ND			0.9	ND	1.0	ND	1.1	ND	1.6	ND	1.6	ND			3.3	ND	1.0	ND	1.1	ND
2	ND	ND	1.7	ND	0.6	ND (0.4	2.6	<0.4	1.8	ND 1 4	1.1	ND	1.4	ND	1.0	ND	1.0	<0.4	ND	ND	1.2	ND	ND 1.0	ND
3	0.8 1.6	ND ND	1.7 0.8	ND ND	1.2 1.6	<0.4 ND	3.5 0.5	ND ND	1.9 1.7	1.4 ND	1.2 1.2	ND ND	2.2 1.1	ND ND	ND 0.8	ND ND	1.4 1.5	<0.4 0.9	ND 1.0	ND ND	0.6 0.6	ND ND	1.0 1.5	ND ND
Average	0.6	ND ND	1.7	ND	1.1	0.0	1.9	ND ND	1.6	0.4	1.2	ND ND	1.6	ND ND	0.9	ND ND	1.3	0.3	1.1	ND ND	0.9	ND ND	0.9	ND
Average	0.0	ND	1./	ND	1.1	0.0	1.5	ND	1.0	0.4	1.2	ND	1.0	ND	0.5	ND	1.3	0.5	1.1	ND	0.5	ND	0.5	ND

											ZINC (ug													
Usali	Inf	JAN Eff	T C	FEB Eff	Inf	MAR Eff	Inf	APR Eff	T C	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	T - C	OCT Eff	T C	NOV Eff	T C	DEC Eff
Week 1	136	36	Inf	ETT	11T 129	29	144	14	Inf 141	27	10T 125	20	10T 125	20	112	14	133	17	Inf 143	10	Inf 140	17	Inf 141	ND
2	165	47	148	28	145	42	154	18	141	19	134	19	134	19	175	23	134	15	124	16	116	19	134	ND
3	152	49	145	21	139	24	148	25	140	16	130				141	21	117	17	150	26	110	21	134	ND
4	183	53	135	33	138	49	171	23	128	22		16	130	16	191	17	73	18	98	21	120	17	105	ND
Avg	159	46	143	27	138	36	154	20	138	21	130	18	130	18	155	19	114	17	129	18	122	19	129	ND
											ZINC (ug	/1) 2005												
		JAN		FEB		MAR		APR		MAY	ZINC (UB	JUN		JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1			124	29	97	28	144	46			121	48	116	16	149	25	138	24	188	14			148	31
2	96	25	136	22	103	25	142	26	139	21	128	66	131	18	132	19	171	22	138	16	254	21	149	21
3 4	97 116	20 25	196 90	18 27	130 117	22 24	144 134	28 24	118 142	19 26	127 122	58 28	68 128	24 25	146 71	18 16	131 145	17 20	74 150	22 23	129 120	29 19	121 118	19 19
Average	103	23	137	24	112	25	141	31	133	22	125	50	111	21	125	20	146	21	138	19	168	23	134	23
7. T. C. U.S.	203		23,			23		32	255		123	30			123	20	1.0		130		100	23	25.	23
											ZINC (ug													
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
1	182	23	17	20	149	26	159	28	256	21	143	Eff 26	180	31	151	26	170	23	163	15	181	16	160	18
2	145	23	117	24	201	56	371	31	173	22	169	26	352	26	164	29	158	20	178	36	136	10	125	18
3	129	24	122	24	124	34	182	31	155	27	159	25	149	27	158	27	158	18	82	13	124	9	126	16
4	128	21	129	26			327	64	149	26	173	36	93	26	166	25			168	20	135	9	121	17
Average	146	23	121	24	158	39	260	39	183	24	161	28	194	28	160	27	162	20	148	21	144	11	133	17
											7TM	C (ug/L)	2007											
		JAN		FEB		MAR		APR		MAY	ZIW	JUN	2007	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	163	18	87	21	149	22	176	18	140	13	183	17	166	17	149	22	152	27	180	24	144	16		
2	153	17	82	21	137	18	167	25	153	13	178	16	195	40	172	20	150	25	166	26	159	16	129	19
3	149	19	91	22	146	17	164	19	170	15	154	14	191	21	178	24	159	19	130	17	113	20	127	17
Average	159 156	29 21	87	21	159 148	17 19	164 168	22 21	154 154	12 13	172	16	146 175	22 25	168 167	23 22	187 162	17 22	134 153	18 21	170 147	25 19	126 127	16 17
Average	130	21	67	21	140	10	100	21	134	13	1/2	10	1/3	23	107	22	102	22	133	21	147	13	127	1/
											ZINO	C (ug/L)	2008											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week 1	Inf 108	Eff 19	Inf 111	Eff 25	Inf 147	Eff 25	Inf 122	Eff 25	Inf	Eff	Inf 123	Eff 24	Inf 155	Eff 21	Inf 160	Eff 25	Inf 167	Eff 23	Inf 185	Eff 19	Inf	Eff	Inf 166	Eff 29
2	138	26	267	28	133	23	141	24	162	31	152	29	141	23	157	22	140	24	146	21	136	26	137	28
3	133	18	123	20	143	22	151	27	159	34	159	31	151	20	167	23	125	27	147	21	134	22	122	32
4	122	18	87	21	135	26	135	23	131	32	200	31	148	53	162	22	150	22	140	27	159	25	115	26
Average	125	20	147	24	140	24	137	25	151	32	159	29	149	29	162	23	146	24	155	22	143	24	135	29
											7781/	C (ua/L)	2000											
		JAN		FEB		MAR		APR		MAY	ZING	C (ug/L) JUN	2003	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	116	32	177	39			151	25	160	24	162	25	158	21	177	31			403	19	152	17	156	20
2	133	29	134	31	126	ND	161	23	155	21	143	18	150	21	171	25	142	22	146	22	73	23	61	26
		47	153	າດ	137	ND	151	21	176	21	148	24	173	21	67	19	139	19	153	28	95	20	137	20
3	144	47	152	28																				
3 4 Average	144 164 139	26 34	141 151	34 33	148	ND ND	141 151	20	171 166	20	152 151	12 20	151 158	21	142 139	26 25	146 142	19	143	22	159 120	17 19	150 126	23 22

											AMMO	IIA (mg/L)	2004											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	29.1 29.7	28.8 29.4	29.1	29.4	25.2 27.7	25.5 28	25.8 27.2	26.6 27.4	28.2 29.7	26.5 30	28.8 27.4	29.1 28.3	28.6 26.9	28 27.4	29.4 29.1	29.1 29.3	28.3 27.7	27.2 26	30.2 27.4	30.2 28.3	23 28.3	24.1 27.7	26.9 27.7	26.6 27.4
3	26.9	26.6	30.5	29.4	27.7	28.3	24.8	24.9	31.4	30.8	30	28.8	20.9	27.4	30	29.5	26.9	28	27.4	28.3	27.2	26.6	27.7	28.3
4	30.2	29.4	20.4	20.4	29.1	28.3	27.4	28.3	28.6	28.8	27.4	28.3	28.3	28	28.3	28	28.3	28	19	19.3	27.4	27.2	25.2	24.6
Avg	29	28.6	26.7	25.7	27.4	27.5	26.3	26.8	29.5	29	28.4	28.6	27.9	27.8	29.2	28.8	27.8	27.3	24.7	25.2	26.5	26.4	27	26.7
-																								
		7.651		FEB		MAD		400		MAN	AMMO	IIA (mg/L)	2005	7111		ALIC		SEP		OCT		NOV		DEC
Week	Inf	JAN Eff	Inf	Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	Eff
1	2111		28	27.7	17.4	17.4	27.7	28	1111		28	28.3	28.3	27.7	29.1	28.8	28.6	28.3	29.1	28.6	1111		31.4	30.5
2	21.6	21.3	28.5	27.7	24.6	24.4	27.9	27.4	28.6	28.3	30.3	29.4	28.8	28.3	29.4	28.6	29.4	29.1	29.7	30	28.6	28.3	29.7	29.4
3	25.2	24.6	26.6	27.4	28	26.6	29.1	28.6	28.6	27.4	30.8	30.2	28.6	28.3	27.4	27.4	27.4	28	27.7	27.4	30.2	30	29.7	29.4
4	27.1	26.6	21.6	21.3	26.9	26.6	27.1	26.9	28.3	28	29.7	29.4	29.4	29.1	27.4	27.7	29.3	28.8	NA	NA	27.7	27.7	29.7	26.3
Average	24.6	24.2	26.2	26	24.2	23.8	28	27.7	28.5	27.9	29.7	29.3	28.8	28.4	28.3	28.1	28.7	28.6	28.8	28.7	28.8	28.7	30.1	28.9
											AMMON	ITA (ma/L)	2006											
		JAN		FEB		MAR		APR		MAY	AMMON	IIA (mg/L) JUN	2006	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	26.9	29.4	33.2	31.9	31.3	29.4	30.1	30.2	34.3	29.1	28.6	28.3	31.3	30.8	31.6	30.2	31.9	31.4	31.9	32.8	31.9	30.2	34.9	33.9
2	29.7	28.3	39.2	36.7	33	32.5	29.1	28.8	31.4	30.8	30.5	29.4	31.0	30.5	32.5	30.5	30.2	30.2	31.4	30.8	31.6	31.4	33.9	33.3
3	30.5	29.7	31.1	30.8	32.5	31.5	31.1	30.8	31.4	31.1	31.1	30.5	30.5	30.2	29.4	30	30	29.7	31.1	30.8	30.8	30.8	32.7	32.2
4	31	30.5	30	29.7			32.3	31.9	30.8	30.2	30.0	29.1	29.6	28.8	NA	NA			NA	NA	31.6	31.1	31.4	31.1
Average	29.5	29.5	33.4	32.3	32.3	31.1	30.7	30.4	32.0	30.3	30.1	29.3	30.6	30.1	31.2	30.2	30.7	30.4	31.5	31.5	31.5	30.9	33.2	32.6
											AMMON	ITA ((I.)	2007											
											AMMON	IIA (mg/L)	2007											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	JUN Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	DEC Eff
1	31.9	Eff 31.6	33.3	Eff 33.0	29.7	Eff 30.0	33.6	Eff 33.3	32.7	Eff 31.4	Inf 32.9	JUN Eff 32.5	Inf 30.8	Eff 30.5	31.4	Eff 30.5	29.4	Eff 29.7	32.5	Eff 31.6	32.8	Eff 31.9		Eff
1 2	31.9 31.1	31.6 31.1	33.3 31.6	Eff 33.0 31.4	29.7 30.4	Eff 30.0 30.5	33.6 NA	Eff 33.3 NA	32.7 32.2	Eff 31.4 31.6	Inf 32.9 33.6	JUN Eff 32.5 33.3	Inf 30.8 32.8	Eff 30.5 31.9	31.4 33.3	86.5 30.5 31.6	29.4 31.9	29.7 31.4	32.5 31.4	Eff 31.6 30.8	32.8 34.4	Eff 31.9 32.8	8.3	Eff 27.4
1 2 3	31.9 31.1 31.4	Eff 31.6 31.1 32.2	33.3	Eff 33.0	29.7 30.4 32.4	30.0 30.5 31.1	33.6 NA 33.5	33.3 NA 32.8	32.7 32.2 30.8	31.4 31.6 30.8	Inf 32.9	JUN Eff 32.5	Inf 30.8 32.8 34.4	30.5 31.9 33.3	31.4 33.3 31.1	30.5 31.6 29.7	29.4 31.9 33.6	29.7 31.4 32.8	32.5 31.4 34.4	Eff 31.6 30.8 33.3	32.8 34.4 29.4	Eff 31.9 32.8 29.4	8.3 30.7	27.4 29.4
1 2	31.9 31.1	31.6 31.1	33.3 31.6	Eff 33.0 31.4	29.7 30.4	Eff 30.0 30.5	33.6 NA	Eff 33.3 NA	32.7 32.2	Eff 31.4 31.6	Inf 32.9 33.6	JUN Eff 32.5 33.3	Inf 30.8 32.8	Eff 30.5 31.9	31.4 33.3	86.5 30.5 31.6	29.4 31.9	29.7 31.4	32.5 31.4	Eff 31.6 30.8	32.8 34.4	Eff 31.9 32.8	8.3	Eff 27.4
1 2 3	31.9 31.1 31.4	Eff 31.6 31.1 32.2	33.3 31.6	Eff 33.0 31.4	29.7 30.4 32.4	30.0 30.5 31.1	33.6 NA 33.5 33.3	33.3 NA 32.8 32.8	32.7 32.2 30.8	31.4 31.6 30.8	Inf 32.9 33.6	JUN Eff 32.5 33.3	Inf 30.8 32.8 34.4	30.5 31.9 33.3	31.4 33.3 31.1	30.5 31.6 29.7	29.4 31.9 33.6	29.7 31.4 32.8	32.5 31.4 34.4	Eff 31.6 30.8 33.3	32.8 34.4 29.4	Eff 31.9 32.8 29.4	8.3 30.7	27.4 29.4
1 2 3 4	31.9 31.1 31.4 29.4	Eff 31.6 31.1 32.2 29.7	33.3 31.6 29.4	Eff 33.0 31.4 28.6	29.7 30.4 32.4 32.5	Eff 30.0 30.5 31.1 32.5	33.6 NA 33.5 33.3 31.9	Eff 33.3 NA 32.8 32.8 31.9	32.7 32.2 30.8 NA	Eff 31.4 31.6 30.8 NA	Inf 32.9 33.6 32.2	JUN Eff 32.5 33.3 31.6	Inf 30.8 32.8 34.4 32.9	Eff 30.5 31.9 33.3 33.0	31.4 33.3 31.1 30.9	Eff 30.5 31.6 29.7 30.0	29.4 31.9 33.6 32.4	Eff 29.7 31.4 32.8 31.6	32.5 31.4 34.4 32.5	Eff 31.6 30.8 33.3 31.1	32.8 34.4 29.4 28.3	Eff 31.9 32.8 29.4 28.3	8.3 30.7 28.8	27.4 29.4 28.6
1 2 3 4	31.9 31.1 31.4 29.4	Eff 31.6 31.1 32.2 29.7	33.3 31.6 29.4	Eff 33.0 31.4 28.6	29.7 30.4 32.4 32.5	Eff 30.0 30.5 31.1 32.5	33.6 NA 33.5 33.3 31.9	Eff 33.3 NA 32.8 32.8 31.9	32.7 32.2 30.8 NA	Eff 31.4 31.6 30.8 NA	Inf 32.9 33.6 32.2	JUN Eff 32.5 33.3 31.6 32.5	Inf 30.8 32.8 34.4 32.9	Eff 30.5 31.9 33.3 33.0	31.4 33.3 31.1 30.9	Eff 30.5 31.6 29.7 30.0	29.4 31.9 33.6 32.4	Eff 29.7 31.4 32.8 31.6	32.5 31.4 34.4 32.5	Eff 31.6 30.8 33.3 31.1	32.8 34.4 29.4 28.3	Eff 31.9 32.8 29.4 28.3	8.3 30.7 28.8	27.4 29.4 28.6 28.5
1 2 3 4 Average	31.9 31.1 31.4 29.4	Eff 31.6 31.1 32.2 29.7 31.2	33.3 31.6 29.4 31.4	81.0 31.4 28.6 31.0	29.7 30.4 32.4 32.5	Eff 30.0 30.5 31.1 32.5 31.0	33.6 NA 33.5 33.3 31.9	Eff 33.3 NA 32.8 32.8 31.9 32.7	32.7 32.2 30.8 NA	Eff 31.4 31.6 30.8 NA 31.3	Inf 32.9 33.6 32.2 32.9	JUN Eff 32.5 33.3 31.6 32.5 JUN	Inf 30.8 32.8 34.4 32.9 32.7	Eff 30.5 31.9 33.3 33.0 32.2	31.4 33.3 31.1 30.9	Eff 30.5 31.6 29.7 30.0 30.5	29.4 31.9 33.6 32.4 31.8	Eff 29.7 31.4 32.8 31.6 31.4	32.5 31.4 34.4 32.5	Eff 31.6 30.8 33.3 31.1 31.7	32.8 34.4 29.4 28.3	Eff 31.9 32.8 29.4 28.3 30.6	8.3 30.7 28.8 22.6	27.4 29.4 28.6 28.5
1 2 3 4 Average	31.9 31.1 31.4 29.4 31.0	Eff 31.6 31.1 32.2 29.7 31.2	33.3 31.6 29.4 31.4	28.6 31.0 31.4 28.6	29.7 30.4 32.4 32.5 31.3	Eff 30.0 30.5 31.1 32.5 31.0	33.6 NA 33.5 33.3 31.9 33.1	Eff 33.3 NA 32.8 32.8 31.9 32.7	32.7 32.2 30.8 NA	Eff 31.4 31.6 30.8 NA	Inf 32.9 33.6 32.2 32.9 AMMON	JUN Eff 32.5 33.3 31.6 32.5 JUN Eff	Inf 30.8 32.8 34.4 32.9 32.7 2008 Inf	Eff 30.5 31.9 33.3 33.0 32.2	31.4 33.3 31.1 30.9 31.7	Eff 30.5 31.6 29.7 30.0 30.5	29.4 31.9 33.6 32.4 31.8	29.7 31.4 32.8 31.6 31.4	32.5 31.4 34.4 32.5 32.7	Eff 31.6 30.8 33.3 31.1 31.7	32.8 34.4 29.4 28.3	Eff 31.9 32.8 29.4 28.3	8.3 30.7 28.8 22.6	27.4 29.4 28.6 28.5 DEC Eff
1 2 3 4 Average	31.9 31.1 31.4 29.4	Eff 31.6 31.1 32.2 29.7 31.2	33.3 31.6 29.4 31.4	81.0 31.4 28.6 31.0	29.7 30.4 32.4 32.5	Eff 30.0 30.5 31.1 32.5 31.0	33.6 NA 33.5 33.3 31.9	Eff 33.3 NA 32.8 32.8 31.9 32.7	32.7 32.2 30.8 NA	Eff 31.4 31.6 30.8 NA 31.3	Inf 32.9 33.6 32.2 32.9	JUN Eff 32.5 33.3 31.6 32.5 JUN	Inf 30.8 32.8 34.4 32.9 32.7	Eff 30.5 31.9 33.3 33.0 32.2	31.4 33.3 31.1 30.9	Eff 30.5 31.6 29.7 30.0 30.5	29.4 31.9 33.6 32.4 31.8	Eff 29.7 31.4 32.8 31.6 31.4	32.5 31.4 34.4 32.5	Eff 31.6 30.8 33.3 31.1 31.7	32.8 34.4 29.4 28.3	Eff 31.9 32.8 29.4 28.3 30.6	8.3 30.7 28.8 22.6	27.4 29.4 28.6 28.5
1 2 3 4 Average	31.9 31.1 31.4 29.4 31.0	Eff 31.6 31.1 32.2 29.7 31.2 JAN Eff 30.8	33.3 31.6 29.4 31.4 Inf 40.5	Eff 33.0 31.4 28.6 31.0 FEB Eff 29.7	29.7 30.4 32.4 32.5 31.3	Eff 30.0 30.5 31.1 32.5 31.0 MAR Eff 30.8	33.6 NA 33.5 33.3 31.9 33.1	Eff 33.3 NA 32.8 32.8 31.9 32.7	32.7 32.2 30.8 NA 31.9	Eff 31.4 31.6 30.8 NA 31.3	Inf 32.9 33.6 32.2 32.9 AMMON Inf 31.3	JUN Eff 32.5 33.3 31.6 32.5 JUN Eff 31.7	Inf 30.8 32.8 34.4 32.9 32.7 2008 Inf 32.9	Eff 30.5 31.9 33.3 33.0 32.2 JUL Eff 33.0	31.4 33.3 31.1 30.9 31.7	Eff 30.5 31.6 29.7 30.0 30.5 AUG Eff 32.2	29.4 31.9 33.6 32.4 31.8 Inf	Eff 29.7 31.4 32.8 31.6 31.4 SEP Eff 31.6	32.5 31.4 34.4 32.5 32.7 Inf 31.6	Eff 31.6 30.8 33.3 31.1 31.7 OCT Eff 30.0	32.8 34.4 29.4 28.3 31.2	Eff 31.9 32.8 29.4 28.3 30.6 NOV Eff	8.3 30.7 28.8 22.6 Inf 32.5	27.4 29.4 28.6 28.5 DEC Eff 31.1
1 2 3 4 Average	31.9 31.1 31.4 29.4 31.0 Inf 31.1 27.1 31.9 30.2	31.6 31.1 32.2 29.7 31.2 JAN Eff 30.8 27.4 31.6 29.4	33.3 31.6 29.4 31.4 31.4 40.5 31.4 30.0 29.4	Eff 33.0 31.4 28.6 31.0 FEB Eff 29.7 30.8 29.4 27.4	29.7 30.4 32.4 32.5 31.3 Inf 30.7 30.5 30.9 32.0	Eff 30.0 30.5 31.1 32.5 31.0 MAR Eff 30.8 30.8 30.8 32.2	33.6 NA 33.5 33.3 31.9 33.1 Inf 32.2 33.0 31.6 34.7	Eff 33.3 NA 32.8 32.8 31.9 32.7 APR Eff 31.9 31.6 33.6 34.2	32.7 32.2 30.8 NA 31.9 Inf 32.8 33.9 30.6	Eff 31.4 31.6 30.8 NA 31.3 MAY Eff 31.4 32.2 31.3	Inf 32.9 33.6 32.2 32.9 AMMON Inf 31.3 31.9 31.3 31.6	JUN Eff 32.5 33.3 31.6 32.5 JIA (mg/L) JUN Eff 31.7 31.1 30.7 31.1	Inf 30.8 32.8 34.4 32.9 32.7 2008 Inf 32.9 31.9 32.5 32.1	Eff 30.5 31.9 33.3 33.0 32.2 JUL Eff 33.0 31.4 32.2 31.1	31.4 33.3 31.1 30.9 31.7 Inf 30.8 30.8 31.6 32.9	30.5 31.6 29.7 30.0 30.5 AUG Eff 32.2 32.2 31.4 33.6	29.4 31.9 33.6 32.4 31.8 Inf 31.9 31.6 31.6 31.3	Eff 29.7 31.4 32.8 31.6 31.4 SEP Eff 31.6 31.1 30.8 30.0	32.5 31.4 34.4 32.5 32.7 Inf 31.6 32.8 32.7 30.8	Eff 31.6 30.8 33.3 31.1 31.7 OCT Eff 30.0 30.5 30.8 31.6	32.8 34.4 29.4 28.3 31.2 Inf 30.8 31.1 31.9	29.4 28.3 30.6 NOV Eff 30.0 29.4 30.8	8.3 30.7 28.8 22.6 Inf 32.5 32.4 25.5 28.6	27.4 29.4 28.6 28.5 DEC Eff 31.1 31.4 24.6 28.3
1 2 3 4 Average Week 1 2 3	31.9 31.1 31.4 29.4 31.0 Inf 31.1 27.1 31.9	Eff 31.6 31.1 32.2 29.7 31.2 JAN Eff 30.8 27.4 31.6	33.3 31.6 29.4 31.4 Inf 40.5 31.4 30.0	Eff 33.0 31.4 28.6 31.0 FEB Eff 29.7 30.8 29.4	29.7 30.4 32.4 32.5 31.3 Inf 30.7 30.5 30.9	Eff 30.0 30.5 31.1 32.5 31.0 MAR Eff 30.8 30.8	33.6 NA 33.5 33.3 31.9 33.1 Inf 32.2 33.0 31.6	Eff 33.3 NA 32.8 31.9 32.7 APR Eff 31.9 31.6 33.6	32.7 32.2 30.8 NA 31.9 Inf	Eff 31.4 31.6 30.8 NA 31.3 MAY Eff 31.4 32.2	Inf 32.9 33.6 32.2 32.9 AMMON Inf 31.3 31.9 31.3	JUN Eff 32.5 33.3 31.6 32.5 JIA (mg/L) JUN Eff 31.7 31.1 30.7	Inf 30.8 32.8 34.4 32.9 32.7 2008 Inf 32.9 31.9 32.5	Eff 30.5 31.9 33.3 33.0 32.2 JUL Eff 33.0 31.4 32.2	31.4 33.3 31.1 30.9 31.7 Inf 30.8 30.8 31.6	Eff 30.5 31.6 29.7 30.0 30.5 AUG Eff 32.2 32.2 31.4	29.4 31.9 33.6 32.4 31.8 Inf 31.9 31.6 31.6	Eff 29.7 31.4 32.8 31.6 31.4 SEP Eff 31.6 31.1 30.8	32.5 31.4 34.4 32.5 32.7 Inf 31.6 32.8 32.7	Eff 31.6 30.8 33.3 31.1 31.7 OCT Eff 30.0 30.5 30.8	32.8 34.4 29.4 28.3 31.2 Inf	Eff 31.9 32.8 29.4 28.3 30.6 NOV Eff 30.0 29.4	8.3 30.7 28.8 22.6 Inf 32.5 32.4 25.5	27.4 29.4 28.6 28.5 DEC Eff 31.1 31.4 24.6
1 2 3 4 Average	31.9 31.1 31.4 29.4 31.0 Inf 31.1 27.1 31.9 30.2	31.6 31.1 32.2 29.7 31.2 JAN Eff 30.8 27.4 31.6 29.4	33.3 31.6 29.4 31.4 31.4 40.5 31.4 30.0 29.4	Eff 33.0 31.4 28.6 31.0 FEB Eff 29.7 30.8 29.4 27.4	29.7 30.4 32.4 32.5 31.3 Inf 30.7 30.5 30.9 32.0	Eff 30.0 30.5 31.1 32.5 31.0 MAR Eff 30.8 30.8 30.8 32.2	33.6 NA 33.5 33.3 31.9 33.1 Inf 32.2 33.0 31.6 34.7	Eff 33.3 NA 32.8 32.8 31.9 32.7 APR Eff 31.9 31.6 33.6 34.2	32.7 32.2 30.8 NA 31.9 Inf 32.8 33.9 30.6	Eff 31.4 31.6 30.8 NA 31.3 MAY Eff 31.4 32.2 31.3	Inf 32.9 33.6 32.2 32.9 AMMON Inf 31.3 31.9 31.6 31.5	JUN Eff 32.5 33.3 31.6 JUN Eff 32.5 JUN Eff 31.7 31.1 30.7 31.1 31.2	Inf 30.8 32.8 34.4 32.9 32.7 2008 Inf 32.9 31.9 32.5 32.1 32.4	Eff 30.5 31.9 33.3 33.0 32.2 JUL Eff 33.0 31.4 32.2 31.1	31.4 33.3 31.1 30.9 31.7 Inf 30.8 30.8 31.6 32.9	30.5 31.6 29.7 30.0 30.5 AUG Eff 32.2 32.2 31.4 33.6	29.4 31.9 33.6 32.4 31.8 Inf 31.9 31.6 31.6 31.3	Eff 29.7 31.4 32.8 31.6 31.4 SEP Eff 31.6 31.1 30.8 30.0	32.5 31.4 34.4 32.5 32.7 Inf 31.6 32.8 32.7 30.8	Eff 31.6 30.8 33.3 31.1 31.7 OCT Eff 30.0 30.5 30.8 31.6	32.8 34.4 29.4 28.3 31.2 Inf 30.8 31.1 31.9	29.4 28.3 30.6 NOV Eff 30.0 29.4 30.8	8.3 30.7 28.8 22.6 Inf 32.5 32.4 25.5 28.6	27.4 29.4 28.6 28.5 DEC Eff 31.1 31.4 24.6 28.3
1 2 3 4 Average	31.9 31.1 31.4 29.4 31.0 Inf 31.1 27.1 31.9 30.2	31.6 31.1 32.2 29.7 31.2 JAN Eff 30.8 27.4 31.6 29.4	33.3 31.6 29.4 31.4 31.4 40.5 31.4 30.0 29.4	Eff 33.0 31.4 28.6 31.0 FEB Eff 29.7 30.8 29.4 27.4	29.7 30.4 32.4 32.5 31.3 Inf 30.7 30.5 30.9 32.0	Eff 30.0 30.5 31.1 32.5 31.0 MAR Eff 30.8 30.8 30.8 32.2	33.6 NA 33.5 33.3 31.9 33.1 Inf 32.2 33.0 31.6 34.7	Eff 33.3 NA 32.8 32.8 31.9 32.7 APR Eff 31.9 31.6 33.6 34.2	32.7 32.2 30.8 NA 31.9 Inf 32.8 33.9 30.6	Eff 31.4 31.6 30.8 NA 31.3 MAY Eff 31.4 32.2 31.3	Inf 32.9 33.6 32.2 32.9 AMMON Inf 31.3 31.9 31.6 31.5	JUN Eff 32.5 33.3 31.6 32.5 JIA (mg/L) JUN Eff 31.7 31.1 30.7 31.1	Inf 30.8 32.8 34.4 32.9 32.7 2008 Inf 32.9 31.9 32.5 32.1 32.4	Eff 30.5 31.9 33.3 33.0 32.2 JUL Eff 33.0 31.4 32.2 31.1	31.4 33.3 31.1 30.9 31.7 Inf 30.8 30.8 31.6 32.9	30.5 31.6 29.7 30.0 30.5 AUG Eff 32.2 32.2 31.4 33.6	29.4 31.9 33.6 32.4 31.8 Inf 31.9 31.6 31.6 31.3	Eff 29.7 31.4 32.8 31.6 31.4 SEP Eff 31.6 31.1 30.8 30.0	32.5 31.4 34.4 32.5 32.7 Inf 31.6 32.8 32.7 30.8	Eff 31.6 30.8 33.3 31.1 31.7 OCT Eff 30.0 30.5 30.8 31.6	32.8 34.4 29.4 28.3 31.2 Inf 30.8 31.1 31.9	29.4 28.3 30.6 NOV Eff 30.0 29.4 30.8	8.3 30.7 28.8 22.6 Inf 32.5 32.4 25.5 28.6	27.4 29.4 28.6 28.5 DEC Eff 31.1 31.4 24.6 28.3
1 2 3 4 Average	31.9 31.1 31.4 29.4 31.0 Inf 31.1 27.1 31.9 30.2	31.6 31.1 32.2 29.7 31.2 JAN Eff 30.8 27.4 31.6 29.4	33.3 31.6 29.4 31.4 31.4 40.5 31.4 30.0 29.4	Eff 33.0 31.4 28.6 31.0 FEB Eff 29.7 30.8 29.4 27.4	29.7 30.4 32.4 32.5 31.3 Inf 30.7 30.5 30.9 32.0	Eff 30.0 30.5 31.1 32.5 31.0 MAR Eff 30.8 30.8 30.8 32.2	33.6 NA 33.5 33.3 31.9 33.1 Inf 32.2 33.0 31.6 34.7	Eff 33.3 NA 32.8 32.8 31.9 32.7 APR Eff 31.6 33.6 34.2	32.7 32.2 30.8 NA 31.9 Inf 32.8 33.9 30.6	Eff 31.4 31.6 30.8 NA 31.3 MAY Eff 31.4 32.2 31.3 31.6	Inf 32.9 33.6 32.2 32.9 AMMON Inf 31.3 31.9 31.6 31.5	JUN Eff 32.5 33.3 31.6 32.5 JIA (mg/L) JUN Eff 31.7 31.1 30.7 31.1 31.2 JIA (mg/L)	Inf 30.8 32.8 34.4 32.9 32.7 2008 Inf 32.9 31.9 32.5 32.1 32.4	Eff 30.5 31.9 33.3 33.0 32.2 JUL Eff 33.0 31.4 32.2 31.1	31.4 33.3 31.1 30.9 31.7 Inf 30.8 30.8 31.6 32.9	Eff 30.5 31.6 29.7 30.0 30.5 AUG Eff 32.2 31.4 33.6 32.4	29.4 31.9 33.6 32.4 31.8 Inf 31.9 31.6 31.6 31.3	SEP Eff 31.4 SEP Eff 31.1 30.8 30.0 30.9	32.5 31.4 34.4 32.5 32.7 Inf 31.6 32.8 32.7 30.8	0CT Eff 30.8 31.6 30.8 31.1 31.7 0CT Eff 30.0 30.5 30.8 31.6 30.7	32.8 34.4 29.4 28.3 31.2 Inf 30.8 31.1 31.9	31.9 32.8 29.4 28.3 30.6 NOV Eff 30.0 29.4 30.8 30.1	8.3 30.7 28.8 22.6 Inf 32.5 32.4 25.5 28.6	27.4 29.4 28.6 28.5 DEC Eff 31.1 31.4 24.6 28.3
1 2 3 4 Average Week 1 2 3 4 Average	31.9 31.1 31.4 29.4 31.0 Inf 31.1 27.1 31.9 30.2	31.6 31.1 32.2 29.7 31.2 JAN Eff 30.8 27.4 31.6 29.4	33.3 31.6 29.4 31.4 Inf 40.5 31.4 30.0 29.4 32.8	Eff 33.0 31.4 28.6 31.0 FEB Eff 29.7 30.8 29.4 27.4 29.3 FEB Eff 30.0	29.7 30.4 32.4 32.5 31.3 Inf 30.7 30.5 30.9 32.0 31.0	Eff 30.0 30.5 31.1 32.5 31.0 MAR Eff 30.8 30.8 30.8 32.2	33.6 NA 33.5 33.3 31.9 33.1 Inf 32.2 33.0 31.6 34.7 32.9	Eff 33.3 NA 32.8 32.8 31.9 32.7 APR Eff 31.6 33.6 34.2 32.8 APR Eff 33.6	32.7 32.2 30.8 NA 31.9 Inf 32.8 33.9 30.6 32.4	Eff 31.4 31.6 30.8 NA 31.3 MAY Eff 31.4 32.2 31.3 31.6 MAY Eff	Inf 32.9 33.6 32.2 32.9 AMMON Inf 31.3 31.9 31.6 31.5 AMMON Inf	JUN Eff 32.5 33.3 31.6 32.5 JIA (mg/L) JUN Eff 31.7 31.1 30.7 31.1 31.2 JUN Eff 33.6	Inf 30.8 32.8 34.4 32.9 32.7 2008 Inf 32.9 31.9 32.5 32.1 32.4 2009 Inf 34.6	30.5 31.9 33.3 33.0 32.2 30.1 Eff 33.0 31.4 32.2 31.1 31.9 30.1 31.9	31.4 33.3 31.1 30.9 31.7 Inf 30.8 30.8 31.6 32.9 31.5	Eff 30.5 31.6 29.7 30.0 30.5 AUG Eff 32.2 32.2 31.4 33.6 32.4 AUG Eff 31.6	29.4 31.9 33.6 32.4 31.8 Inf 31.9 31.6 31.6 31.3	Eff 29.7 31.4 32.8 31.6 31.4 SEP Eff 31.6 31.1 30.8 30.0 30.9	32.5 31.4 34.4 32.5 32.7 Inf 31.6 32.8 32.7 30.8 32.0	Eff 31.6 30.8 33.3 31.1 31.7 OCT Eff 30.0 30.5 30.8 31.6 30.7 OCT Eff 34.2	32.8 34.4 29.4 28.3 31.2 Inf 30.8 31.1 31.9 31.3	31.9 32.8 29.4 28.3 30.6 NOV Eff 30.0 29.4 30.8 30.1 NOV Eff 33.9	8.3 30.7 28.8 22.6 22.6 32.5 32.4 25.5 28.6 29.8	27.4 29.4 28.6 28.5 DEC Eff 31.1 31.4 24.6 28.3 28.9 DEC Eff
1 2 3 4 4 Average Week 1 2 3 4 Average	31.9 31.1 31.4 29.4 31.0 Inf 31.1 27.1 31.9 30.2 30.1	31.6 31.1 32.2 29.7 31.2 JAN Eff 30.8 27.4 31.6 29.4 29.8 JAN Eff 29.8	33.3 31.6 29.4 31.4 31.4 40.5 31.4 30.0 29.4 32.8 Inf 31.3 28.3	Eff 33.0 31.4 28.6 31.0 FEB Eff 29.7 30.8 29.4 27.4 29.3 FEB Eff 30.0 27.4	29.7 30.4 32.4 32.5 31.3 Inf 30.7 30.5 30.9 32.0 31.0	Eff 30.0 30.5 31.1 32.5 31.0 MAR Eff 30.8 30.8 30.8 32.2 31.2 MAR Eff	33.6 NA 33.5 33.3 31.9 33.1 Inf 32.2 33.0 31.6 34.7 32.9 Inf 34.9 34.2	Eff 33.3 NA 32.8 31.9 32.7 APR Eff 31.6 33.6 34.2 32.8 APR Eff 33.6 33.6 34.2	32.7 32.2 30.8 NA 31.9 Inf 32.8 33.9 30.6 32.4 Inf 31.0 34.4	Eff 31.4 31.6 30.8 NA 31.3 MAY Eff 31.4 32.2 31.3 31.6 MAY Eff 29.7 33.3	Inf 32.9 33.6 32.2 32.9 AMMON Inf 31.3 31.6 31.5 AMMON Inf 34.3 33.6	JUN Eff 32.5 33.3 31.6 32.5 JIA (mg/L) JUN Eff 31.7 31.1 30.7 31.1 JUN Eff JUN Eff 31.7 31.2 JUN Eff 33.6 33.6 33.9	Inf 30.8 32.8 34.4 32.9 32.7 2008 Inf 32.9 31.9 32.5 32.1 32.4 2009 Inf 34.6 33.6	Eff 30.5 31.9 33.3 33.0 32.2 JUL Eff 33.0 31.4 32.2 31.1 31.9 JUL Eff 33.6 31.4	31.4 33.3 31.1 30.9 31.7 Inf 30.8 30.8 31.6 32.9 31.5	Eff 30.5 31.6 29.7 30.0 30.5 AUG Eff 32.2 31.4 33.6 32.4 AUG Eff 31.6 31.9	29.4 31.9 33.6 32.4 31.8 31.8 Inf 31.9 31.6 31.6 31.3 31.6	SEP Eff 31.6 31.1 30.8 30.0 30.9 SEP Eff 29.1	32.5 31.4 34.4 32.5 32.7 31.6 32.8 32.7 30.8 32.0 Inf 34.9 33.0	Eff 31.6 30.8 33.3 31.1 31.7 OCT Eff 30.0 30.5 30.8 31.6 30.7 OCT Eff 34.2 31.9	32.8 34.4 29.4 28.3 31.2 Inf 30.8 31.1 31.9 31.3	31.9 32.8 29.4 28.3 30.6 NOV Eff 30.0 29.4 30.8 30.1 NOV Eff 33.9 32.8	8.3 30.7 28.8 22.6 21.6 22.6 32.5 32.4 25.5 28.6 29.8 10.7 32.9 26.3	27.4 29.4 28.6 28.5 DEC Eff 31.1 31.4 24.6 28.3 28.9 DEC Eff 32.5 26.0
1 2 3 4 Average Week 1 2 3 4 Average Week 1 2 3 4 Average	31.9 31.1 31.4 29.4 31.0 Inf 31.1 27.1 31.9 30.2 30.1 Inf 29.7 29.7 28.7	JAN Eff 30.8 27.4 31.6 29.4 29.8 JAN Eff 28.8 29.2 29.1	33.3 31.6 29.4 31.4 Inf 40.5 31.4 30.0 29.4 32.8 Inf 31.3 28.3 29.1	Eff 33.0 31.4 28.6 31.0 FEB Eff 29.7 30.8 29.4 27.4 29.3 FEB Eff 30.0 27.4 28.8	29.7 30.4 32.4 32.5 31.3 Inf 30.7 30.9 32.0 31.0 Inf	Eff 30.0 30.5 31.1 32.5 31.0 MAR Eff 30.8 30.8 32.2 31.2 MAR Eff	33.6 NA 33.5 33.3 31.9 33.1 Inf 32.2 33.0 31.6 34.7 32.9 Inf 34.9 34.2 33.3	Eff 33.3 NA 32.8 31.9 32.7 APR Eff 31.6 33.6 34.2 32.8 APR Eff 33.6 34.2 32.8	32.7 32.2 30.8 NA 31.9 Inf 32.8 33.9 30.6 32.4 Inf 31.0 34.4 33.9	Eff 31.4 31.6 30.8 NA 31.3 MAY Eff 31.4 32.2 31.3 31.6 MAY Eff 29.7 33.3 32.8	Inf 32.9 33.6 32.2 32.9 AMMON Inf 31.3 31.6 31.5 AMMON Inf 34.3 33.6 34.4	JUN Eff 32.5 JIA (mg/L) JUN Eff 31.7 31.1 30.7 31.1 JUN Eff 33.6 31.6	Inf 30.8 32.8 34.4 32.9 32.7 2008 Inf 32.9 31.9 32.5 32.1 32.4 2009 Inf 34.6 33.6 32.5	30.5 31.9 33.3 33.0 32.2 JUL Eff 33.0 31.4 32.2 31.1 31.9 JUL Eff 33.6 31.4 31.9	31.4 33.3 31.1 30.9 31.7 Inf 30.8 31.6 32.9 31.5	AUG Eff 30.5 31.6 29.7 30.0 30.5 AUG Eff 32.2 32.2 31.4 33.6 32.4 AUG Eff 31.9 30.2	29.4 31.9 33.6 32.4 31.8 Inf 31.9 31.6 31.6 31.3 31.6	Eff 29.7 31.4 32.8 31.6 31.4 SEP Eff 31.6 31.1 30.8 30.0 30.9 SEP Eff	32.5 31.4 34.4 32.5 32.7 Inf 31.6 32.8 32.7 30.8 32.0 Inf 34.9 33.0 31.6	Eff 31.6 30.8 33.3 31.1 31.7 OCT Eff 30.0 30.5 30.8 31.6 30.7 OCT Eff 34.2 31.9 31.1	32.8 34.4 29.4 28.3 31.2 Inf 30.8 31.1 31.9 31.3	31.9 32.8 29.4 28.3 30.6 NOV Eff 30.0 29.4 30.8 30.1 NOV Eff 33.9 36.4	8.3 30.7 28.8 22.6 21.6 22.6 22.5 32.5 28.6 29.8 29.8	27.4 29.4 28.6 28.5 DEC Eff 31.1 31.4 24.6 28.3 28.9 DEC Eff 32.5 26.0 29.7
1 2 3 4 4 Average Week 1 2 3 4 Average	31.9 31.1 31.4 29.4 31.0 Inf 31.1 27.1 31.9 30.2 30.1	31.6 31.1 32.2 29.7 31.2 JAN Eff 30.8 27.4 31.6 29.4 29.8 JAN Eff 29.8	33.3 31.6 29.4 31.4 31.4 40.5 31.4 30.0 29.4 32.8 Inf 31.3 28.3	Eff 33.0 31.4 28.6 31.0 FEB Eff 29.7 30.8 29.4 27.4 29.3 FEB Eff 30.0 27.4	29.7 30.4 32.4 32.5 31.3 Inf 30.7 30.5 30.9 32.0 31.0	Eff 30.0 30.5 31.1 32.5 31.0 MAR Eff 30.8 30.8 30.8 32.2 31.2 MAR Eff	33.6 NA 33.5 33.3 31.9 33.1 Inf 32.2 33.0 31.6 34.7 32.9 Inf 34.9 34.2	Eff 33.3 NA 32.8 31.9 32.7 APR Eff 31.6 33.6 34.2 32.8 APR Eff 33.6 33.6 34.2	32.7 32.2 30.8 NA 31.9 Inf 32.8 33.9 30.6 32.4 Inf 31.0 34.4	Eff 31.4 31.6 30.8 NA 31.3 MAY Eff 31.4 32.2 31.3 31.6 MAY Eff 29.7 33.3	Inf 32.9 33.6 32.2 32.9 AMMON Inf 31.3 31.6 31.5 AMMON Inf 34.3 33.6	JUN Eff 32.5 33.3 31.6 32.5 JIA (mg/L) JUN Eff 31.7 31.1 30.7 31.1 JUN Eff JUN Eff 31.6 31.9 JUN Eff 33.6 31.9	Inf 30.8 32.8 34.4 32.9 32.7 2008 Inf 32.9 31.9 32.5 32.1 32.4 2009 Inf 34.6 33.6	Eff 30.5 31.9 33.3 33.0 32.2 JUL Eff 33.0 31.4 32.2 31.1 31.9 JUL Eff 33.6 31.4	31.4 33.3 31.1 30.9 31.7 Inf 30.8 30.8 31.6 32.9 31.5	Eff 30.5 31.6 29.7 30.0 30.5 AUG Eff 32.2 31.4 33.6 32.4 AUG Eff 31.6 31.9	29.4 31.9 33.6 32.4 31.8 31.8 Inf 31.9 31.6 31.6 31.3 31.6	SEP Eff 31.6 31.1 30.8 30.0 30.9 SEP Eff 29.1	32.5 31.4 34.4 32.5 32.7 31.6 32.8 32.7 30.8 32.0 Inf 34.9 33.0	Eff 31.6 30.8 33.3 31.1 31.7 OCT Eff 30.0 30.5 30.8 31.6 30.7 OCT Eff 34.2 31.9	32.8 34.4 29.4 28.3 31.2 Inf 30.8 31.1 31.9 31.3	31.9 32.8 29.4 28.3 30.6 NOV Eff 30.0 29.4 30.8 30.1 NOV Eff 33.9 32.8	8.3 30.7 28.8 22.6 21.6 22.6 32.5 32.4 25.5 28.6 29.8 10.7 32.9 26.3	27.4 29.4 28.6 28.5 DEC Eff 31.1 31.4 24.6 28.3 28.9 DEC Eff 32.5 26.0

March 10												CYAN	IDE (mg/L)	2004											
1																									
\$\$\ \begin{array}{c c c c c c c c c c c c c c c c c c c				Inf	Eff																				
3				0 003	0 003																	0.005			
A 0.003 0.000 0.														ND	ND							0.002			
CAMIDIC (May 1) Total To														0.003	0.002										
March Marc	Avg	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.003	0.003	0.003	0.003	0.002	0.003	0.002	0.003
March Marc												G) / 4 1 1 1													
New Total Fef			JAN		EER		MAD		ADD		MAV	CYAN) 2005	7111		ALIG		SED		ОСТ		NOV		DEC
1	Week	Inf		Inf		Inf		Inf		Inf		Inf		Inf		Inf		Inf		Inf		Inf		Inf	
2																									
A		0.003	0.002							0.002	0.002											0.002	0.002		
Average 0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.002 0.	3	0.002	0.002	0.003	0.003	0.002	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.003	0.002	0.003	0.003	0.002	0.002	0.002	ND	0.004	0.003
Note																									
Table Tabl	Average	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.001	0.002	0.001	0.001	0.001	0.004	0.002
Table Tabl												CYAN	IDE (mg/L)	2006											
1 9.892 6.892 6.893 6.892 6.893 6.892 76.893 8.902 76.892 NO 100 100 100 NO																									
2 0.802 (0.802 0.802 0.803 0.803 0.803 0.802 0.803 0.802 0.803 0.802 0.8																									
3																									
## 0.802																									
## Average 0.002 0.001 0.002 0.001 0.002 0.001 0.002 0.001 0.002 0.001 0.002 0.001 0.002 0.001 0.002 0.001 0.002 0.001 0.002 0.001 0.002 0.001 0	_					0.002	(0.002											0.003	ND						
*Sample P3459S and P3459S were analyzed one day out of the 14 day holding time for cyanide analysis. **Sample P3459S and P3459S were analyzed one day out of the 14 day holding time for cyanide analysis. **Table P3459S and P3455S and P3455S were analyzed one day out of the 14 day holding time for cyanide analysis. **Table P3459S and P3455S and P3455S and P3455S and P345S and P3455S and P3455	Average					0.002	0.001											0.001	ND						
No	*C1- F	224505	J D242500			A	C +b - 14	4																	
No	*Sample F	234505 and	D P343508	were anaı	lyzed one	day out o	T The 14	day noidir	ng time to	or cyanide	e anaiysis	•													
No												CYAN]		2007											
1																									
2 0.002 0.002 0.002 0.003 ND 0.002 0.003 ND 0.002 0.003 ND																								Inf	Eff
3																								ND	ND
A verage 0.001 ND ND ND ND ND ND ND N																									
Average 0.001 0.002 0.003 0.002 0.003 0.002 ND 0.001 ND ND ND ND ND ND ND N				0.002	0.003																				
CYANIDE (mg/L) 2008 JAN								ND	ND																
Meek Inf Eff	Average	0.001	0.001	0.002	0.003	0.002	ND	0.001	ND	ND	ND	ND	ND	0.001	ND	ND	ND	0.002	0.001	ND	0.000	ND	0.000	ND	ND
Meek Inf Eff												CVANI	[DF (mg/L)	2008											
Week Inf Eff			JAN		FEB		MAR		APR		MAY	CIAN		, 2000	JUL		AUG		SEP		ОСТ		NOV		DEC
2 ND	Week	Inf	Eff	Inf		Inf		Inf		Inf		Inf		Inf		Inf		Inf		Inf		Inf		Inf	
3 ND 0.002 ND	1	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.002			ND	ND
Average ND ND ND ND ND 0.002 0.002 ND																									
Average ND ND ND ND 0.001 0.000 0.001 ND																									
CYANIDE (mg/L) 2009 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC Week Inf Eff Inf																									
Second Column Second Colum	Average	ND	ND	ND	ND	0.001	0.000	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	0.000	ND	0.001	ND	0.002	0.001	0.001
Week Inf Eff Inf Eff <td></td> <td>CYAN</td> <td></td> <td>2009</td> <td></td>												CYAN		2009											
1 ND ND ND 0.003 0.002 0.003 ND 0.002 0.003 ND 0.002 0.003 ND 0.002 0.003 ND ND ND ND 0.002 ND 0.002 ND 0.002 ND 0.002 0.003 ND ND ND ND ND ND ND 0.002 0.025 ND 0.002 0.003 0.002 0.003 ND 0.002 0.003 ND 0.002 0.002 0.002 0.002 0.002 0.003 ND 0.002 0.002 0.002 0.003 ND 0.002 0.002 0.003 ND 0.002 0.003 0.002 0.002 0.003		_												_								_		_	
2 0.002 <0.002 ND ND 0.002 0.003 0.002 0.003 ND 0.002 0.003 ND 0.002 0.003 ND ND ND ND ND 0.002 0.025 ND 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 ND ND ND ND ND ND ND ND 0.002 ND 0.002 ND 0.002 ND ND ND 0.002 ND ND ND 0.002 ND ND ND 0.002 ND ND 0.002 ND ND 0.002 ND ND 0.002						Inf	Eff											Inf	Eff						
3 0.002 <0.002 ND <0.002 0.002 0.002 ND ND ND ND ND ND ND ND ND 0.002 <0.002 0.003 ND 0.002 ND 0.002 ND ND ND ND 0.002 0.002 0.003 ND 0.002 0.003 0.002 0.002 0.003 ND 0.002 0.002 0.002 0.002 0.003 ND 0.002 0.002 0.002 0.002						0.002	0.003											0.003	0.025						
4 0.002 0.003 ND 0.002 0.003 0.003 ND 0.002 0.002 0.002 0.003 0.002 0.003 ND ND ND ND 0.002 0.002 0.003 ND 0.002 0.002 0.002 0.002																									
	_																								
		0.002	0.003	ND	0.002	0.003	0.003	ND	0.002	0.002	0.003	0.002	0.003	ND	ND	ND	0.002	0.002	0.003	ND	0.003	0.002	0.002	0.002	0.003

										EI	FFLUENT RA	DIATION ((pCi/L) 20	0 4										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	3	16.1			2.2	14.8	0.3	21.5			1	1	14.5	0.9	26.3				1.7	21.1	0.9	17	1.7	25.7
2			1.9	16.4					0.8	15.9						0.9	20.8	23.1						
3																								
4																								
Avg	3	16.1	1.9	16.4	2.2	14.8	0.3	21.5	0.8	15.9	1	1	14.5	0.9	26.3	0.9	20.8	23.1	1.7	21.1	0.9	17	1.7	25.7
										EI	FFLUENT RA	DIATION ((pCi/L) 20	2 5										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1			3.2	18.9	2.5	8.8	1.1	16.8			3	19.3	1.3	14.3			2	11.7	1.9	13.1			2.7	18.1
2	1.5	15							2.9	13.9					1.3	20.2					0.7	25.7		
3																								
Average	1.5	15	3.2	18.9	2.5	8.8	1.1	16.8	2.9	13.9	3	19.3	1.3	14.3	1.3	20.2	2	16.9	1.9	13.1	0.7	25.7	2.7	18.1
										-	FELLIENT DA	DIATION /	(mCi /I) 20	26										
		JAN		FEB		MAR		APR		MAY	FFLUENT RA	JUN ((PCI/L) 20	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	0.7	12.3	0.7	38.3	2.7	10.5	2.7	10.9	агриа	occu	1.0	12.1	1.6	14.6	1.5	13.3	0.7	10.7	0.2	13.4	2.7	17.7	1.9	12.8
2	0.,	12.5	0.,	30.3	217	1015	2.,,	1015	1.5	16.3	1.0		2.0	20	2.5	13.5	017	1017	0.2	23		27.17	2.,,	12.0
3																								
4																								
Average	0.7	12.3	0.7	38.3	2.7	10.5	2.7	10.9	1.5	16.3	1.0	12.1	1.6	14.6	1.5	13.3	0.7	10.7	0.2	13.4	2.7	17.7	1.9	12.8
										EI	FFLUENT RA	DIATION ((pCi/L) 20	2 7										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	0.6	5.5	1.5	23.9	2.3	27.7	2.8	26.3					1.1	28.6			0.8	25.4	0.2	28.0				
2									1.1	29.8	1.5	20.7			1.4	27.5					2.5	24.8	1.1	19.5
3																								
4 Average	0.6	5.5	1.5	23.9	2.3	27.7	2.8	26.3	1.1	29.8	1.5	20.7	1.1	28.6	1.4	27.5	0.8	25.4	0.2	28.0	2.5	24.8	1.1	19.5
Average	0.0	3.3	1.3	23.3	2.3	2,.,	2.0	20.5		25.0	1.5	20.7		20.0		27.5	0.0	23.4	0.2	20.0	2.5	24.0		15.5
										El	FFLUENT RA	DIATION ((pCi/L) 20	28										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	1.3	25.3			1.8	21.8	2.3	28.6			1.4	30	0.5	30.3			4.5	28.1	2.7	22.2			6.4	24
2			1.7	22.8					1.3	23.4					6.1	31.3					3.6	30		
3																								
4 Average	1.3	25.3	1.7	22.8	1.8	21.8	2.3	28.6	1.3	23.4	1.4	30	0.5	30.3	6.1	31.3	4.5	28.1	2.7	22.2	3.6	30	6.4	24
Aver uge	1.5	23.3	1.,	22.0	1.0	21.0	2.5	20.0	1.5	23.4	1.7	30	0.5	30.3	0.1	31.3	4.5	20.1	2.,	22.2	5.0	50	0.4	27
											FFLUENT RA	DIATION ((pCi/L) 20											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
	1	27	4.8	29.5	- 1	20. 7	2.8	32.6	0.0	22.2	2.6	25.9	3.3	30.2	4	34.5	2.7	37	1.3	34.8	0.6	36.1	6.4	37.5
1																	3.7	٠.,						
2					5.1	28.7			0.0	32.3							3.,	٥,						
					5.1	20.7			0.0	32.3							3.,	3,						

											DRIN AND		(ng/L) 20											
	_	JAN	_	FEB	_	MAR	_	APR	_	MAY	_	JUN	_	JUL	_	AUG	_	SEP	_	OCT	_	NOV	_	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	n d	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd
4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
0																								
											DRIN AND		(ng/L) 20											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND ND	ND ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ü																								
											DRIN AND		(ng/L) 20											
Marela	T C	JAN	T - C	FEB	T C	MAR	T C	APR	T C	MAY	T C	JUN	T C	JUL	T - C	AUG	T C	SEP	T C	OCT	T C	NOV	T C	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf ND	Eff	Inf	Eff	Inf	Eff
1 2	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
· ·																								
											DRIN AND		(ng/L) 20											
Marela	T C	JAN Eff	T - C	FEB	T C	MAR Eff	T C	APR Eff	T C	MAY	T C	JUN	T C	JUL	T - C	AUG	T C	SEP	T C	OCT Eff	T C	NOV Eff	T C	DEC
Week 1	Inf ND	ND ND	Inf	Eff	Inf ND	ND ND	Inf ND	ND ND	Inf ND	Eff ND	Inf	Eff	Inf ND	Eff ND	Inf ND	Eff ND	Inf ND	Eff ND	Inf ND	ND ND	Inf ND	ND ND	Inf	Eff
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	120.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		JAN		FEB		MAR		APR		AL MAY	DRIN AND		(ng/L) 20	08 JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	JAN Eff	Inf	Eff	Inf	MAK Eff	Inf	Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	Eff	Inf	Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND	ND	ND	ND	ND	ND	TIII	EII	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1111	EII	ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
											DRIN AND		(ng/L) 20											
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
1	ND	ND	ND	ND	TIII	EII	ND	ND	ND	ND	ND	ND ND	ND	ND ND	ND	ND ND	TIII	EII	ND	ND ND	ND	ND	ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	IND	IND	ND	ND	ND	ND								
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND								
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

											ENDR]	N (ng/L)	2004											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd nd	nd	nd	nd	nd nd	nd nd	nd nd	nd	nd nd	nd nd	nd	n.d	nd	nd nd	nd	nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd
	nd nd	nd	nd nd	nd nd	nd nd	nd	nd	nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd	nd	nd nd
Avg	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu
											ENDR]	N (ng/L)	2005											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1			ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
											ENIDDI	[N (ng/L)	2006											
		JAN		FEB		MAR		APR		MAY	LINDIN	JUN	2000	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		JAN		FEB		MAR		APR		MAY	ENDR	IN (ng/L) JUN	2007	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	±1111		ND	ND	ND	ND	ND	ND	2.111		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	93.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												ND	ND
4	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Average	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND
			IND	ND	ND	ND	ND ND	ND ND																ND ND
			NO	ND					ND	ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
		741	No			ND		ND	ND	ND ND	ND ND	ND ND IN (ng/L)	ND ND	ND ND	ND	ND ND	ND	ND ND	ND	ND ND	ND	ND ND	ND	ND
Mode	Tof	JAN		FEB	ND	ND MAR	ND	ND APR	ND ND	ND ND MAY	ND ND ENDR	ND ND IN (ng/L) JUN	ND ND 2008	ND ND JUL	ND ND	ND ND AUG	ND ND	ND ND SEP	ND ND	ND ND OCT	ND ND	ND ND NOV	ND ND	ND DEC
Week	Inf	Eff	Inf	FEB Eff	ND Inf	ND MAR Eff	ND Inf	ND APR Eff	ND	ND ND	ND ND ENDRI	ND ND IN (ng/L) JUN Eff	ND ND 2008 Inf	ND ND JUL Eff	ND ND	ND ND AUG Eff	ND ND	ND ND SEP Eff	ND ND	ND ND OCT Eff	ND	ND ND	ND ND	ND DEC Eff
1	ND	Eff ND	Inf ND	FEB Eff ND	ND Inf ND	MAR Eff ND	ND Inf ND	APR Eff ND	ND ND	ND ND MAY Eff	ND ND ENDRI	ND ND IN (ng/L) JUN Eff ND	ND ND 2008 Inf ND	ND ND JUL Eff ND	ND ND Inf ND	ND ND AUG Eff ND	ND ND Inf ND	ND ND SEP Eff ND	ND ND Inf ND	ND ND OCT Eff ND	ND ND Inf	ND ND NOV Eff	ND ND Inf ND	ND DEC Eff ND
1 2	ND ND	Eff ND ND	Inf ND ND	FEB Eff ND ND	Inf ND ND	MAR Eff ND ND	Inf ND ND	APR Eff ND ND	ND ND Inf	ND ND MAY Eff	ND ND ENDRI	ND ND IN (ng/L) JUN Eff ND ND	ND ND 2008 Inf ND ND	ND ND JUL Eff ND ND	ND ND Inf ND ND	ND ND AUG Eff ND ND	ND ND Inf ND ND	ND ND SEP Eff ND ND	ND ND Inf ND ND	ND ND OCT Eff ND ND	ND ND Inf	ND ND NOV Eff	ND ND Inf ND ND	ND DEC Eff ND ND
1	ND ND ND	Eff ND ND ND	Inf ND ND ND	FEB Eff ND ND ND	Inf ND ND ND	MAR Eff ND ND ND	Inf ND ND ND	APR Eff ND ND ND	ND ND Inf ND ND	ND ND MAY Eff ND ND	ND ND ENDRI	ND ND IN (ng/L) JUN Eff ND ND ND	ND ND 2008 Inf ND ND ND ND	ND ND JUL Eff ND ND ND	ND ND Inf ND ND ND ND	ND ND AUG Eff ND ND ND	ND ND Inf ND ND ND	ND ND SEP Eff ND ND ND	ND ND Inf ND ND ND ND	ND ND OCT Eff ND ND ND	ND ND Inf ND ND	ND ND NOV Eff	ND ND Inf ND ND ND	ND DEC Eff ND ND ND
1 2 3 4	ND ND ND ND	Eff ND ND ND ND	Inf ND ND ND	FEB Eff ND ND ND ND	Inf ND ND ND ND	MAR Eff ND ND ND	Inf ND ND ND	APR Eff ND ND ND	ND ND Inf ND ND ND ND	ND ND MAY Eff ND ND ND ND	ND ND ENDRI Inf ND ND ND ND ND	ND ND IN (ng/L) JUN Eff ND ND	ND ND 2008 Inf ND ND ND ND ND	ND ND JUL Eff ND ND ND ND ND	ND ND Inf ND ND ND ND ND ND	ND ND AUG Eff ND ND ND ND	ND ND Inf ND ND ND ND ND	ND ND SEP Eff ND ND ND ND ND	ND ND Inf ND ND ND ND ND	ND ND OCT Eff ND ND ND ND ND	ND ND Inf ND ND ND ND	ND NOV Eff ND ND ND ND ND	ND ND Inf ND ND ND ND ND	ND DEC Eff ND ND
1 2 3	ND ND ND	Eff ND ND ND	Inf ND ND ND	FEB Eff ND ND ND	Inf ND ND ND	MAR Eff ND ND ND	Inf ND ND ND	APR Eff ND ND ND	ND ND Inf ND ND	ND ND MAY Eff ND ND	ND ND ENDRI	ND ND IN (ng/L) JUN Eff ND ND ND ND	ND ND 2008 Inf ND ND ND ND	ND ND JUL Eff ND ND ND	ND ND Inf ND ND ND ND	ND ND AUG Eff ND ND ND	ND ND Inf ND ND ND	ND ND SEP Eff ND ND ND	ND ND Inf ND ND ND ND	ND ND OCT Eff ND ND ND	ND ND Inf ND ND	ND ND NOV Eff	ND ND Inf ND ND ND	DEC Eff ND ND ND
1 2 3 4	ND ND ND ND	Eff ND ND ND ND ND ND	Inf ND ND ND	FEB Eff ND ND ND ND	Inf ND ND ND ND	MAR Eff ND ND ND ND ND	Inf ND ND ND	APR Eff ND ND ND ND	ND ND Inf ND ND ND ND	MD MAY Eff ND ND ND ND ND	ND ND ENDRI Inf ND ND ND ND ND ND	ND ND IN (ng/L) JUN Eff ND ND ND ND ND IN (ng/L)	ND ND 2008 Inf ND ND ND ND ND ND	ND ND JUL Eff ND ND ND ND ND ND	ND ND Inf ND ND ND ND ND ND	AUG Eff ND ND ND ND ND	ND ND Inf ND ND ND ND ND	SEP Eff ND ND ND ND ND	ND ND Inf ND ND ND ND ND	ND ND OCT Eff ND ND ND ND ND ND ND	ND ND Inf ND ND ND ND	ND NOV Eff ND ND ND ND ND ND ND	ND ND Inf ND ND ND ND ND	ND DEC Eff ND ND ND ND ND ND
1 2 3 4 Average	ND ND ND ND	Eff ND ND ND ND ND	Inf ND ND ND ND ND	FEB Eff ND ND ND ND ND	Inf ND ND ND ND ND	MAR Eff ND ND ND ND ND ND	Inf ND ND ND ND ND	APR Eff ND ND ND ND ND	ND ND Inf ND ND ND ND ND ND	ND ND MAY Eff ND ND ND ND ND ND MAY	ND ND ENDRI Inf ND ND ND ND ND ND ND ND ENDRI	ND ND IN (ng/L) JUN Eff ND	ND ND 2008 Inf ND	ND ND JUL Eff ND	ND ND Inf ND ND ND ND ND ND ND ND	ND ND AUG Eff ND	ND ND Inf ND ND ND ND ND ND ND ND	ND ND SEP Eff ND	ND ND Inf ND ND ND ND ND ND ND ND	ND ND OCT Eff ND ND ND ND ND ND OCT	ND ND Inf ND ND ND ND ND ND	ND NOV Eff ND ND ND ND ND ND ND ND NOV	ND ND Inf ND ND ND ND ND ND ND ND	ND DEC Eff ND ND ND ND ND ND DEC
1 2 3 4 Average	ND ND ND ND ND	Eff ND ND ND ND ND D ND ND ND D D D D D D	Inf ND ND ND ND ND ND ND ND	FEB Eff ND ND ND ND ND ND	Inf ND ND ND ND	MAR Eff ND ND ND ND ND	Inf ND ND ND ND ND Inf	APR Eff ND ND ND ND ND APR Eff	ND ND Inf ND ND ND ND ND ND ND Inf	ND ND MAY Eff ND ND ND ND ND MAY Eff	ND ND ENDRI Inf ND ND ND ND ND ND ND Inf Inf	ND ND IN (ng/L) JUN Eff ND ND ND ND IN (ng/L) JUN Eff	ND ND 2008 Inf ND ND ND ND ND ND ND Inf	ND JUL Eff ND ND ND ND ND ND JUL Eff	ND Inf ND ND Inf ND ND ND ND ND ND Inf	ND AUG Eff ND ND ND ND AUG AUG Eff	ND Inf ND ND Inf ND ND ND ND ND ND Inf	ND ND SEP Eff ND ND ND ND SEP Eff	ND ND Inf ND ND ND ND ND ND ND ND ND Inf	ND ND OCT Eff ND ND ND ND OCT OCT Eff	ND ND Inf	ND NOV Eff ND ND ND ND ND ND ND NOV Eff	ND ND Inf ND	ND DEC Eff ND ND ND ND ND DEC Eff
1 2 3 4 Average	ND ND ND ND ND	Eff ND	Inf ND ND ND ND ND ND ND	FEB Eff ND ND ND ND ND	Inf ND ND ND ND ND ND ND ND	MAR Eff ND	Inf ND	APR Eff ND	ND ND Inf ND	MAY Eff ND	ND ND ENDRI Inf ND ND ND ND ND ND ND ND ENDRI	ND ND IN (ng/L) JUN Eff ND	ND ND 2008 Inf ND ND ND ND ND ND ND ND ND 101 101 101 101 101 101 101 101 101 10	ND ND JUL Eff ND	ND ND Inf ND	AUG EFF ND ND ND ND ND ND ND ND AUG EFF ND	ND ND Inf ND	ND ND SEP Eff ND	ND ND Inf ND	ND ND OCT Eff ND ND ND ND ND OCT Eff ND	ND ND Inf ND	ND NOV Eff ND	ND ND Inf ND	ND DEC Eff ND ND ND ND ND DEC Eff ND
1 2 3 4 Average	ND ND ND ND ND	Eff ND	Inf ND	FEB Eff ND	Inf ND	MAR Eff ND	Inf ND	APR EFF ND	ND ND Inf ND	MAY EFF ND ND MAY EFF ND ND ND MAY EFF ND ND ND MAY EFF ND	ND ND ENDRI Inf ND ND ND ND ND ND ND Inf Inf	ND ND IN (ng/L) JUN Eff ND ND ND ND IN (ng/L) JUN Eff	ND ND ND 2008 Inf ND	ND ND JUL Eff ND	ND Inf ND	ND AUG Eff ND ND ND ND ND ND ND ND ND	ND ND Inf ND	ND ND SEP Eff ND	ND ND Inf ND	ND ND OCT Eff ND	ND ND Inf ND	ND NOV Eff ND	ND ND Inf ND	ND DEC Eff ND
1 2 3 4 Average	ND ND ND ND ND ND ND ND ND	Eff ND	Inf ND	FEB Eff ND	Inf ND	MAR Eff ND	Inf ND	APR Eff ND ND ND APR Eff ND	ND ND Inf ND	MAY EFF ND	ND ND ENDRI Inf ND ND ND ND ND Inf ND ND ND ND ND ND ND ND ND Inf	ND N	ND ND ND 2008 Inf ND	ND ND JUL Eff ND	ND ND ND Inf ND	AUG Eff ND	ND ND ND Inf ND	ND ND ND SEP Eff ND	ND ND ND Inf ND	ND ND OCT Eff ND	ND ND Inf ND	ND NOV Eff ND ND ND ND ND ND NOV Eff ND NOV Eff ND	ND ND ND Inf ND	DEC Eff ND ND ND DEC Eff ND
1 2 3 4 Average	ND ND ND ND ND	Eff ND	Inf ND	FEB Eff ND	Inf ND	MAR Eff ND	Inf ND	APR EFF ND	ND ND Inf ND	MAY EFF ND ND MAY EFF ND ND ND MAY EFF ND ND ND MAY EFF ND	ND ND ENDRI Inf ND ND ND ND ND ND ND Inf Inf	ND ND IN (ng/L) JUN Eff ND ND ND ND IN (ng/L) JUN Eff	ND ND ND 2008 Inf ND	ND ND JUL Eff ND	ND Inf ND	ND AUG Eff ND ND ND ND ND ND ND ND ND	ND ND Inf ND	ND ND SEP Eff ND	ND ND Inf ND	ND ND OCT Eff ND	ND ND Inf ND	ND NOV Eff ND	ND ND Inf ND	ND DEC Eff ND

										HCH-H	IEXACHLORO	CYCLOHEXA	NES (ng/L)	2004										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd			16	nd	16	nd	19	nd	nd	nd	14	nd	31	nd	16	11	29	ND	28	ND	24	16.5
2	14 nd	nd nd	nd 11	nd	40 15	nd nd	nd 33	nd 12	11 10	nd nd	24.5 29	nd	26	nd	44 20	nd nd	16 12	12 nd	41 11	ND ND	24 34	ND ND	20 26	ND
4	nd nd	nd	nd	nd nd	34	nd	nd	nd	58	nd	29	nd nd	88	67	nd	nd	13	nd	ND	ND	42	ND ND	25	ND ND
Avg	6.8	nd	3.7	nd	26.3	nd	12.3	3	24.5	nd	18.9	nd	42.7	22.3	23.8	nd	14.3	5.8	20.3	ND	32	ND	23.8	4.1
748	0.0	iiu	3.7	iiu	20.5	110	12.5	,	24.3	iiu	10.5	iiu	72.7	22.5	23.0	iiu	14.5	3.0	20.5	NO	32	ND	23.0	7.1
											IEXACHLORO	CYCLOHEXA	NES (ng/L)											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	13	ND	ND ND	ND ND	15 ND	ND ND	36 43	15	33	17	24 22	ND 11.5	40 29.7	41 13.5	25 35	13.5 20	30 32	ND ND	31 30	ND ND	ND	ND	ND ND	10.5 ND
3	21	ND ND	ND ND	30.5	12	ND ND	30.3	16 13.8	25	ND	15	ND	27.3	ND	35 44	72.5	14	ND ND	29	ND ND	ND ND	ND ND	ND ND	ND ND
4	28	ND	ND	ND	ND	ND	39	ND	29.3	16	20	13	17.3	20.8	0	23	11	ND	29	20	15	ND	28	ND
Average	20.7	ND	ND	7.6	6.8	ND	37.1	11.2	29.1	11	20.3	6.1	28.6	18.8	26	32.3	21.8	ND	29.8	5	5	ND	7	2.6
711 C. UBC	2017			7.10	0.0		37.12		2312		2015	0.1	2010	20.0	20	32.3	22.0		2510		,	ND	•	2.0
											IEXACHLORO		NES (ng/L)											
	_	JAN	_	FEB	_	MAR	_	APR	_	MAY	_	JUN	_	JUL	_	AUG	_	SEP	_	OCT	_	NOV	_	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	30	14	ND	ND	12	ND	ND	ND	11.0	ND	30	12.5	24.0	ND	ND	ND	ND	ND	ND	11	ND	ND
2	49	17 ND	ND	ND	ND	ND	ND	ND	ND	ND	15.0	ND	30	ND	14.0	ND	ND							
3	18 14	ND ND	ND 17	ND ND	ND	ND	ND ND	ND ND	ND 21	ND ND	14.0 0.0	ND ND	28 ND	ND ND	22.0 21.0	ND ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Average	20.3	4.3	11.8	3.5	ND	ND	3	ND	5.3	ND	10.0	ND	22	3.1	20.3	ND	ND	ND	ND	ND	ND	2.8	ND	ND
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											IEXACHLORO		NES (ng/L)											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	16 17	ND ND	ND	ND	ND	ND	ND ND	ND ND	ND 10	ND ND	ND	ND	ND 426.0	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND
3	15	ND	ND	ND	ND	ND	12.0	ND	ND	ND	ND	ND	420.0 ND	14.0	ND	ND	ND	ND	ND	ND	ND	ND	7.0	ND
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Average	12.0	ND	ND	ND	ND	ND	4.8	ND	2.5	ND	ND	ND	ND	3.5	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND
Ü																								
		7.651		FFD		MAD		400			IEXACHLORO		NES (ng/L)			4116		CED		OCT		NOV		DEC
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1	ND	ND	ND	ND	ND	ND	ND	ND	TIII	EII	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	TIII	EII	ND	ND
2	ND	ND	ND	10.5	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	2.6	ND	ND	1.6	ND	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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		JAN		FEB		MAR		APR		HCH-H MAY	IEXACHLORO	JUN JUN	NES (Ng/L)) 2009 JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND	ND			5	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
2	ND	ND	ND	ND	ND	ND	0	ND	ND	ND			ND	ND	5.5	ND	ND							
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		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	nd nd	nd nd	nd	nd	nd nd	nd	nd nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd	nd	45	nd nd	nd	nd	nd nd	nd	nd	nd nd
3	nd nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd
4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	131	139	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	43.7	46.2	nd	nd	11.3	nd	nd	nd	nd	nd	nd	nd
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3	ND	ND ND	ND ND	ND	ND	ND ND	ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	178	ND ND
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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No ala	T C	JAN	T - C	FEB	T - C	MAR	T C	APR	T C	MAY	T C	JUN	T C	JUL	T C	AUG	T C	SEP	T - C	OCT	T C	NOV	T - C	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
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4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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Marala.	T C	JAN Eff	Inf	FEB	Inf	MAR		APR		MAY	T C	JUN	T C	JUL	Inf	AUG Eff		SEP		OCT		NOV		DEC
Week	Inf	ETT																			T C			
	ND	ND	1111	Eff		Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff			Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
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2	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND 120.0	ND ND	ND ND	ND ND	ND ND	ND ND	58.0 ND	ND ND	ND ND	ND ND	ND	ND
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2 3	ND	ND	ND	ND	ND ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND 120.0	ND ND	ND ND	ND ND	ND ND	ND ND ND	58.0 ND ND	ND ND	ND ND	ND ND	ND	ND
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2 3 4 Average	ND ND ND	ND ND ND ND	ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND	ND ND ND ND ND CHLORDA	ND ND ND ND	ND ND ND ND TED COMPO	ND 120.0 ND ND ND	ND ND ND ND ND ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	58.0 ND ND ND 14.5	ND ND ND ND ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND	ND ND ND ND
2 3 4 Average	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND NE & RELA	ND ND ND TED COMPO JUN Eff	ND 120.0 ND ND ND UNDS (ng/	ND ND ND ND ND L) 2008 JUL Eff	ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND SEP Eff	58.0 ND ND ND 14.5	ND ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND	ND ND ND ND
2 3 4 Average	ND ND ND ND	ND ND ND JAN Eff	ND ND ND ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND MAR Eff	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND CHLORDA MAY Eff	ND ND ND ND NE & RELA Inf	ND ND ND TED COMPO	ND 120.0 ND ND ND ND UNDS (ng/	ND ND ND ND ND L) 2008 JUL Eff	ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND SEP Eff	58.0 ND ND ND 14.5	ND ND ND ND OCT Eff ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND	ND ND ND ND DEC Eff
2 3 4 Average	ND ND ND ND	ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND	ND	ND ND ND ND ND	ND ND ND ND ND CHLORDA MAY Eff	ND ND ND ND NE & RELA Inf ND ND	ND ND ND TED COMPO JUN Eff ND ND	ND 120.0 ND ND ND ND UNDS (ng/	ND ND ND ND ND L) 2008 JUL Eff ND ND	ND ND ND ND ND ND ND ND	ND	ND ND ND ND ND	ND ND ND ND ND ND ND ND ND	58.0 ND ND ND 14.5	ND ND ND ND OCT Eff ND ND	ND ND ND ND ND	ND ND ND ND ND NO ND NOV Eff	ND ND ND ND	ND ND ND ND DEC Eff ND ND
2 3 4 Average	ND ND ND ND	ND ND ND JAN Eff	ND ND ND ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND MAR Eff	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND CHLORDA MAY Eff	ND ND ND ND NE & RELA Inf	ND ND ND TED COMPO	ND 120.0 ND ND ND ND UNDS (ng/	ND ND ND ND ND L) 2008 JUL Eff	ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND SEP Eff	58.0 ND ND ND 14.5	ND ND ND ND OCT Eff ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND	ND ND ND DEC Eff ND ND ND ND
2 3 4 Average Week 1 2 3	ND	ND	ND ND ND ND ND Inf ND ND 15.0	ND ND ND ND FEB Eff ND ND	ND N	ND ND ND ND ND ND ND ND ND MAR Eff ND ND ND	ND N	ND N	ND ND ND ND ND	ND ND ND ND ND CHLORDA MAY Eff ND ND	ND ND ND ND NE & RELA Inf ND ND ND	ND ND ND TED COMPO JUN Eff ND ND ND	ND 120.0 ND ND ND ND UNDS (ng/ Inf ND ND ND ND ND ND ND ND	ND ND ND ND ND L) 2008 JUL Eff ND ND ND	ND N	ND N	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND SEP Eff ND ND	58.0 ND ND ND 14.5	ND N	ND ND ND ND ND ND	ND ND ND ND ND NOV Eff	ND ND ND ND	ND ND ND ND DEC Eff ND ND
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2 3 4 Average Week 1 2 3 4 Average	ND ND ND Inf ND	ND N	ND ND ND ND ND 15.0 ND 3.8	ND N	ND N	ND N	ND N	ND ND ND ND ND ND ND APR Eff ND	ND N	ND ND ND ND ND ND ND ND CHLORDA MAY Eff ND CHLORDA MAY	ND N	ND ND ND ND TED COMPC JUN Eff ND TED COMPC JUN	ND 120.0 ND	ND N	ND N	ND ND ND ND ND ND ND ND ND AUG Eff ND	ND N	ND ND ND ND ND ND ND SEP Eff ND	S8.0 ND ND ND 14.5	ND N	ND N	ND N	ND ND ND ND Inf ND ND ND ND ND	ND N
2 3 4 Average	ND ND ND ND	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND Inf ND ND ND ND	ND N	ND N	ND N	ND N	ND N	ND N	ND N	ND N	ND ND ND TED COMPC JUN Eff ND ND ND ND ND ND ND TED COMPC	ND 120.0 ND ND ND UNDS (ng/ Inf ND	ND N	ND N	ND N	ND N	ND N	58.0 ND ND ND 14.5 Inf ND ND ND	ND N	ND ND ND ND ND ND ND ND ND	ND N	ND	ND ND ND DEC Eff ND
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										PCBs-P0	LYCHLORIN	ATED BIPH	ENYLS (ng/	'L) 2004										
	_	JAN	_	FEB	_	MAR	_	APR	_	MAY	_	JUN	_	JUL	_	AUG	_	SEP	_	ОСТ	_	NOV	_	DEC
Week 1	Inf nd	Eff nd	Inf	Eff	Inf nd	Eff nd	Inf nd	Eff nd	Inf nd	Eff nd	Inf nd	Eff nd	Inf nd	Eff nd	Inf nd	Eff nd	Inf nd	Eff nd	Inf nd	Eff nd	Inf nd	Eff nd	Inf nd	Eff nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd									
4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
										PCRs-PO	I YCHI ORTN	ATED RIPH	ENYLS (ng/	(1) 2005										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1			ND	ND	ND	ND	ND				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0 -																								
										PCBs-P0	LYCHLORIN	ATED BIPH	ENYLS (ng/	'L) 2006										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
											LYCHLORIN		ENYLS (ng/											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND			ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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								ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND		ND ND	ND ND							ND ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
										PCBs-PO	LYCHLORIN	ATED BIPH	ENYLS (ng/	L) 2008										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND			ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
•																								
										PCBs-P0	LYCHLORIN	ATED BIPH	ENYLS (ng/	'L) 2009										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

										DI	OT AND DER	IVATIVES	(ng/L) 20	04										
	_	JAN	_	FEB	_	MAR		APR		MAY		JUN	_	JUL		AUG	_	SEP	_	OCT	_	NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	m.d	n d	nd	nd	nd	nd	24	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	30	nd
2 3	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd 20	nd nd
4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	24	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	6	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	18.5	nd
Ave	110	iiu	iiu	110	110	110	IIu	110	Ü	110	IIu	iiu	110	iiu	110	110	iiu	iiu	iiu	iiu	IIu	IIu	10.5	nu .
											OT AND DER		(ng/L) 20											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND	ND	ND ND	ND
2 3	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 23	ND ND
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.8	ND
											OT AND DER		(ng/L) 20											
HI-	T C	JAN	T C	FEB	T C	MAR	T C	APR	T - C	MAY	T C	JUN	T C	JUL	T - C	AUG	T - C	SEP	T - C	OCT	T C	NOV	T C	DEC Eff
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf ND	Eff ND	Inf ND	Eff	Inf	Eff	Inf	Eff ND	Inf	Eff	Inf	Eff ND	Inf	Eff	Inf ND	
1 2	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 27.0	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
3	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	26	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6 -																								
											OT AND DER		(ng/L) 20											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf ND	Eff	Inf	Eff	Inf ND	Eff	Inf	Eff ND	Inf 24.0	Eff	Inf	Eff	Inf 15.0	Eff ND	Inf	Eff ND	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	ND ND	ND ND	ND	ND	ND ND	ND ND	8.0 16.0	ND ND	14.0	8.0 ND	17.0	ND	230.0	ND ND	ND ND	ND ND	18.0 ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND
3	ND	ND	ND	ND	ND	ND	0.0	ND	15.0	ND	8.0	ND	ND	ND	ND	ND	11.0	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	22.0	4	16.0	ND	12.0	ND	ND	ND	ND	ND	16.0	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	11.5	1	17.3	2.0	12.3	ND	5.0	ND	ND	ND	11.3	ND	ND	ND	ND	ND	ND	ND
		JAN		FEB		MAR		APR		MAY	OT AND DER	JUN	(ng/L) 20	08 JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	13	ND	ND	ND	ND	ND	2111		22.0	ND	ND	ND	5.0	4.0	15.0	ND	ND	ND	2111		ND	4.5
2	ND	ND	ND	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	22	ND	ND	ND	ND	ND	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.0	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	ND	ND	ND	8.0	ND	ND	ND	11.0	ND	37.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	8.8	ND	ND	1.5	ND	ND	5	ND	5.5	ND	2.8	ND	10.5	1	3.8	ND	3.3	ND	ND	ND	ND	1.1
		JAN		FEB		MAR		APR		DI May	OT AND DER	IVATIVES JUN	(ng/L) 20	09 JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	27	5	±111	E11	6.0	ND	19.0	ND	ND	ND	ND	ND	ND	ND	2111	E11	5.0	ND	ND	ND	ND	4.5
2	ND	ND	ND	ND	ND	ND	ND	ND	28.0	ND			ND	ND	ND	ND	ND	ND	5.0	ND	ND	ND	ND	ND ND
3	ND	ND	ND	ND	ND	ND	ND	ND	8.6	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	26	ND	ND	ND	18.0	ND	0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average	ND	ND	13.3	1.3	ND	ND	6.0	ND	13.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	1.1

											TOXAPH	IENE (ng/l	L) 2004											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd							
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd											
3	nd			nd																				
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Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd											
											TOXAPH	IENE (ng/l	L) 2005											
		JAN		FEB		MAR		APR		MAY		JUN	-,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1			ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
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Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
											TOXAPH	IENE (ng/l	L) 2006											
		JAN		FEB		MAR		APR		MAY		JUN	•	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
4	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
											TOXAPH	IENE (ng/l	L) 2007											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	ND	ND			ND	ND	ND	ND	ND	ND			ND											
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
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Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
											TOXAPH	IENE (ng/l	L) 2008											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
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1	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND							
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
Average	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND											
Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
											TOXAPH	IENE (ng/l	L) 2009											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
2	ND	ND	ND	ND	ND	ND ND	ND	ND	ND	ND			ND	ND ND										
3	ND ND	ND	ND	ND ND																				
Average	ND ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND								
Average	ND	ND	IND	ND																				

										CHLORINA	ATED PHENO	DLIC COMP	OUNDS (ug	L) 2004										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3 4	nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd nd	nd	nd nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd	nd nd	nd	nd nd	nd nd	nd nd	nd
	nd nd	nd	nd nd	nd nd	nd	nd	nd	nd nd	nd nd	nd	nd	nd	nd	nd nd	nd nd	nd	nd	nd nd	nd	nd nd	nd nd	nd nd	nd	nd nd
Avg	Hu	IIu	Hu	IIu	IIu	Hu	IIu	IIu	IIu	IIu	IIu	IIu	IIu	IIu	IIu	IIu	IIu	IIu	IIu	IIu	IIu	IIu	IIu	IIu
										CHLORINA	ATED PHENO	DLIC COMP	OUNDS (ug	′L) 2005										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1			ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
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Average	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
											ATED PHENO		OUNDS (ug,											
	_	JAN	_	FEB		MAR	_	APR	_	MAY		JUN	_	JUL		AUG	_	SEP		OCT		NOV	_	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND
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	_	JAN	_		_	MAR	_	APR	_	MAY		JUN		JUL		AUG	_	SEP		OCT		NOV	_	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	Eff ND		Eff	ND	Eff ND	ND	Eff ND	ND	Eff ND	ND	Eff ND	ND	Eff ND	ND	Eff ND	ND	Eff ND	ND	Eff ND	ND	Eff ND	ND	Eff ND
1 2	ND ND	Eff ND ND	ND	Eff ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND
1 2 3	ND ND ND	ND ND ND	ND ND	Eff ND ND	ND ND ND	Eff ND ND ND	ND ND ND	Eff ND ND ND	ND ND ND	Eff ND ND ND	ND	Eff ND	ND ND ND	ND ND ND	ND ND ND	Eff ND ND ND	ND ND ND	ND ND ND	ND ND ND	Eff ND ND ND	ND ND ND	Eff ND ND ND	ND ND ND	Eff ND ND ND
1 2	ND ND	Eff ND ND	ND	Eff ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND	ND ND	Eff ND ND
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1 2 3 4	ND ND ND ND	Eff ND ND ND ND	ND ND ND	Eff ND ND ND ND	ND ND ND ND	Eff ND ND ND ND	ND ND ND ND	Eff ND ND ND ND	ND ND ND ND	Eff ND ND ND ND ND ND CHLORINA	ND ND ND	Eff ND ND ND ND ND OLIC COMPO	ND ND ND ND	Eff ND	ND ND ND ND	Eff ND ND ND ND ND ND	ND ND ND ND	Eff ND ND ND ND ND	ND ND ND ND	Eff ND ND ND ND ND ND	ND ND ND ND	Eff ND ND ND ND	ND ND ND ND	Eff ND ND ND ND
1 2 3 4 Average	ND ND ND ND	EFF ND ND ND ND ND	ND ND ND	Eff ND ND ND ND FEB	ND ND ND ND	Eff ND ND ND ND ND	ND ND ND ND	EFF ND ND ND ND ND	ND ND ND ND	EFF ND ND ND ND ND CHLORINA MAY	ND ND ND ND	Eff ND ND ND ND DLIC COMPO	ND ND ND ND ND	Eff ND ND ND ND ND ND VL) 2008 JUL	ND ND ND ND	EFF ND ND ND ND ND	ND ND ND ND	EFF ND ND ND ND ND	ND ND ND ND	EFF ND ND ND ND ND	ND ND ND ND	EFF ND ND ND ND ND	ND ND ND ND	Eff ND ND ND ND ND DEC
1 2 3 4	ND ND ND ND	EFF ND ND ND ND ND	ND ND ND	Eff ND ND ND ND	ND ND ND ND	Eff ND ND ND ND	ND ND ND ND	Eff ND ND ND ND ND	ND ND ND ND	Eff ND ND ND ND ND ND CHLORINA	ND ND ND	Eff ND ND ND ND ND OLIC COMPO	ND ND ND ND	Eff ND	ND ND ND ND	Eff ND ND ND ND ND ND	ND ND ND ND	Eff ND ND ND ND ND SEP Eff	ND ND ND ND	Eff ND ND ND ND OCT Eff	ND ND ND ND	Eff ND ND ND ND	ND ND ND ND	Eff ND ND ND ND ND DEC Eff
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1 2 3 4 Average	ND ND ND ND ND	Eff ND	ND ND ND ND	ND ND ND ND FEB Eff	ND ND ND ND ND	Eff ND ND ND ND ND ND	ND ND ND ND ND	Eff ND	ND ND ND ND	Eff ND ND ND ND ND CHLORINA MAY Eff	ND ND ND ND ATED PHENO Inf ND	Eff ND ND ND ND DLIC COMPI JUN Eff ND	ND ND ND ND ND ND ND Inf	Eff ND ND ND ND ND ND VL) 2008 JUL Eff ND	ND ND ND ND ND	Eff ND	ND ND ND ND ND	Eff ND ND ND ND ND SEP Eff ND	ND ND ND ND	Eff ND ND ND ND ND OCT Eff ND	ND ND ND ND	Eff ND ND ND ND ND ND ND ND ND FFF	ND ND ND ND ND	Eff ND ND ND ND ND DEC Eff ND
1 2 3 4 Average	ND ND ND ND ND	Eff ND	ND ND ND ND	ND N	ND ND ND ND ND	Eff ND	ND ND ND ND ND	Eff ND	ND ND ND ND ND	Eff ND ND ND ND ND CHLORIN MAY Eff	ND ND ND ATED PHENC Inf ND ND	Eff ND ND ND ND DLIC COMPI JUN Eff ND ND	ND ND ND ND ND ND ND ND OUNDS (ug,	EFFF ND ND ND ND ND ND VL) 2008 JUL EFFF ND ND	ND ND ND ND ND	Eff ND AUG Eff ND ND	ND ND ND ND ND	Eff ND	ND ND ND ND ND	Eff ND ND ND ND ND OCT Eff ND ND	ND ND ND ND ND	Eff ND NOV Eff	ND ND ND ND ND ND ND ND	Eff ND
1 2 3 4 Average	ND ND ND ND ND ND ND ND ND	Eff ND	ND N	Eff ND ND ND ND ND ND ND ND ND	ND N	Eff ND	ND N	EFF ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND	Eff ND ND ND ND ND CHLORINA MAY Eff ND ND ND	ND ND ND ATED PHENC Inf ND ND ND	Eff ND ND ND ND OLIC COMPORT JUN Eff ND ND ND ND ND	ND ND ND ND OUNDS (ug, Inf ND ND ND	Eff ND	ND N	Eff ND	ND N	Eff ND	ND N	Eff ND	ND ND ND ND ND ND	Eff ND NOV Eff	ND N	Eff ND ND ND ND DEC Eff ND ND ND
1 2 3 4 Average	ND N	Eff ND	ND N	EFF ND ND ND ND ND FEB EFF ND ND ND	ND N	EFF ND ND ND ND ND ND MAR EFF ND ND	ND N	EFF ND ND ND ND ND ND ND ND APR EFF ND ND ND	ND	Eff ND ND ND ND ND CHLORIN MAY Eff ND	ND ND ND THEN ND	ND N	ND N	Eff ND ND ND ND ND ND ND ND ND	ND N	Eff ND	ND N	EFF ND	ND N	Eff ND ND ND ND ND OCT Eff ND	ND N	Eff ND NOV Eff	ND N	EFF ND ND ND ND DEC EFF ND ND ND ND ND ND ND ND
1 2 3 4 Average	ND N	Eff ND	ND N	EFF ND ND ND ND ND FEB EFF ND ND ND	ND N	EFF ND ND ND ND ND ND MAR EFF ND ND	ND N	EFF ND ND ND ND ND ND ND ND APR EFF ND ND ND	ND	Eff ND ND ND ND ND CHLORIN MAY Eff ND	ND ND ND THEN ND	ND N	ND ND ND ND OUNDS (ug, Inf ND ND ND ND ND ND ND ND ND	Eff ND ND ND ND ND ND ND ND ND	ND N	Eff ND	ND N	EFF ND	ND N	Eff ND ND ND ND ND OCT Eff ND	ND N	Eff ND NOV Eff	ND N	EFF ND ND ND ND DEC EFF ND ND ND ND ND ND ND ND
1 2 3 4 Average	ND N	Eff ND	ND N	FEB Eff ND	ND N	EFF ND	ND N	EFF ND	ND	EFF ND ND ND ND CHLORINA MAY EFF ND ND ND CHLORION CHLORION CHLORION CHLORION CHLORION	ND ND ND THEN ND	ND N	ND N	Eff ND	ND N	Eff ND	ND N	EFF ND	ND N	Eff ND	ND N	Eff ND ND ND ND ND ND ND ND ND NOV Eff ND	ND N	EFF ND ND ND ND DEC EFF ND
1 2 3 4 Average Week 1 2 3 4 Average	ND N	Eff ND	ND ND ND ND ND ND ND ND ND ND	EFF ND ND ND ND ND ND ND FEB EFF ND FEB	ND N	EFF ND ND ND ND ND ND ND ND MAR EFF ND	ND N	EFF ND ND ND ND ND APR EFF ND ND ND APR APR APR APR	ND N	Eff ND ND ND ND ND ND ND ND ND CHLORIN MAY Eff ND ND ND ND CHLORIN MAY MAY	ND ND ND TIPE ND	EFF ND ND ND ND DLIC COMPP JUN EFF ND ND ND ND ND ND ND ND ND	ND N	Eff ND ND ND ND ND ND ND ND ND	ND N	Eff ND AUG Eff ND	ND N	EFF ND ND ND ND ND ND ND ND ND	ND N	Eff ND OCT Eff ND	ND N	Eff ND ND ND ND ND ND ND ND ND NOV Eff ND	ND N	EFF ND ND ND ND DEC EFF ND ND ND DEC DEC DEC DEC DEC DEC DEC DEC DEC DE
1 2 3 4 Average Week 1 2 3 4 Average Week 1 2 3 4 Average	ND N	Eff ND	ND N	FEB EFF ND	ND N	EFF ND ND ND ND ND ND MAR EFF ND	ND N	EFF ND ND ND ND ND ND ND APR EFF ND	ND N	EFF ND ND ND ND CHLORIN MAY EFF ND ND ND CHLORIN MAY EFF ND ND ND ND ND ND ND ND ND	ND ND ND ATED PHENCE ND ND ND ND ND ND ND ATED PHENCE ND	ND N	ND ND ND ND OUNDS (ug, Inf ND	Eff ND	ND N	Eff ND ND ND ND ND ND AUG Eff ND	ND N	EFF ND ND ND ND ND ND ND SEP EFF ND	ND N	Eff ND ND ND ND ND OCT Eff ND	ND N	ND N	ND N	EFF ND ND ND ND DEC EFF ND ND ND DEC EFF ND
1 2 3 4 Average Week 1 2 3 4 Average	ND N	Eff ND	ND N	EFF ND ND ND ND FEB EFF ND	ND N	EFF ND ND ND ND ND ND MAR EFF ND	ND N	EFF ND ND ND ND ND ND ND APR EFF ND	ND N	Eff ND ND ND ND ND CHLORIN MAY Eff ND ND ND CHLORIN MAY Eff ND	ND ND ND ATED PHENO ND	EFF ND	ND N	Eff ND ND ND ND ND ND ND ND ND	ND N	Eff ND ND ND ND ND ND ND AUG Eff ND	ND N	EFF ND	ND N	Eff ND ND ND ND ND OCT Eff ND	ND N	ND N	ND N	EFF ND ND ND DEC EFF ND ND ND DEC EFF ND
1 2 3 4 Average Week 1 2 3 4 Average Week 1 2 3 4 Average	ND N	Eff ND	ND N	FEB EFF ND	ND N	EFF ND ND ND ND ND ND MAR EFF ND	ND N	EFF ND ND ND ND ND ND ND APR EFF ND	ND N	EFF ND ND ND ND CHLORIN MAY EFF ND ND ND CHLORIN MAY EFF ND ND ND ND ND ND ND ND ND	ND ND ND ATED PHENCE ND ND ND ND ND ND ND ATED PHENCE ND	ND N	ND ND ND ND OUNDS (ug, Inf ND	Eff ND	ND N	Eff ND ND ND ND ND ND AUG Eff ND	ND N	EFF ND ND ND ND ND ND ND SEP EFF ND	ND N	Eff ND ND ND ND ND OCT Eff ND	ND N	ND N	ND N	EFF ND ND ND ND DEC EFF ND ND ND DEC EFF ND

										NON-CHLOR	INATED PH		MPOUNDS (4									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1 2	16.9 21	13.6 19.6	13.8	11	11.6 13.7	13.9 15.7	17.5 12.3	13.6 11	11.5 21.3	10.1 19.9	16.2 27.5	10.6 10.9	18.4 20.3	11.1 11.1	11.4 19	9.1 8.8	15.9 16.5	10.7 9.9	14.7 16.4	7.4 11.1	15.5 16.2	10.9 9.7	12.5 17.7	11.9 10.3
3	17.4	18	15.8	12	14.7	14.7	15.6	13.3	21.3	14.2	19.4	11.1	20.5	11.1	11.8	10.4	15	8.9	5.6	4.4	12.1	8.2	17.7	12.4
4	16.6	18.4	9.1	8.8	9.7	11.9	13.5	13.2	14.6	11.9	22.5	13.4	20.2	9.6	17.8	11	15	7.2	7.6	4.3	16.2	12.9	11.8	7.7
Avg	18	17.4	12.9	10.6	12.4	14.1	14.7	12.8	17.1	14	21.4	11.5	19.6	10.6	15	9.8	15.6	9.2	11.1	6.8	15	10.4	15	10.6
		JAN		FEB		MAR		APR		NON-CHLOR MAY	INATED PH	ENOLIC CO	MPOUNDS (ug/L) 2005 JUL	5	AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1			11.3	8.1	4.3	2.9	14.6	13.7			16.3	11.5	17.3	11.2	9.4	5.5	13.4	8.3	13.3	939			19.7	15.6
2	7.5	6.1	10.9	6.3	11.2	9.6	13.1	12.5	17.9	11.6	15	13.1	18.7	12.7	13.6	10	13.1	13.4	14.3	11	17.1	13.1	15.3	10.7
3	9.1	5.9	15.2	10.2	14.6	12.6	14.9	13.5	20.4	13.5	17.2	13.6	17.8	11	15.5	8.4	9.4	12.3	11.6	11.4	14.7	13.7	14.1	8.3
4	17.3	12.2	7.9	5.6	16.1	10.8	16.7	10.2	17.7	9.3	15.5	10.6	7.9	11.6	8.2	8.4	15.5	12.5	19.5	11.9	16.2	12	16.8	10.8
Average	11.3	8.1	11.3	7.6	11.6	9	14.8	12.5	18.7	11.5	16	12.2	15.4	11.6	11.7	8.1	12.9	11.6	14.7	11	16	12.9	16.5	11.4
										NON-CHLOR	INATED PH	ENOLIC CO	MPOUNDS (1	ıg/L) 200€	5									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	15.8	12.4	14.1	12.9	16.5	15.9	27.3	19	22	10.5	14.6	13.2	26.9	13.5	20.3	13.4	21.3	15.2	14.9	10.4	16.3	7.7	19.3	13.6
2	17.4	12.4	14.3	10.7	16.4	13.6	22.1	15.6	40.5	21.8	21.9	16.3	16.4	13.1	17	12.7	11.7	10.9	19.3	13.2	19.5	13	18.2	11.9
3 4	12.2 12.6	10.7 11.6	15 15.1	12.1 10.4	31.5	25.6	26.7 21.6	18.8 18	23.5 19.9	17.7 12.4	21.6 14.7	17.3 14.4	20.9 18.2	13.5 11.9	22.5 21.8	15.6 11.4	11.6	9.9	17.1 8.2	13.4 10	16.9 21.3	11.5 14.9	17.6 26.2	13.7 22.5
Average	14.5	11.8	14.6	11.5	21.5	18.4	24.4	17.9	26.5	15.6	18.2	15.3	20.6	13.0	20.4	13.3	14.9	12.0	14.9	11.8	18.5	11.8	20.3	15.4
Average	14.5	11.0	14.0	11.5	21.5	10.4	2-1	17.5	20.5	13.0	10.2	13.3	20.0	13.0	20.4	13.3	14.5	12.0	14.5	11.0	10.5	11.0	20.5	13.4
										NON-CHLOR	INATED PH		MPOUNDS (7									
Heat	T C	JAN	T C	FEB	T - C	MAR	T C	APR	T C	MAY	T C	JUN	T C	JUL	T. C	AUG	T C	SEP	T - C	OCT	T C	NOV	T C	DEC
Week 1	Inf 18.8	Eff 15.1	Inf	Eff	Inf 16.2	Eff 12.9	Inf 19.9	Eff 17.5	Inf 20.3	Eff 15.7	Inf 16	Eff 13	Inf 14.3	Eff 9.3	Inf 16	Eff 10	Inf 16.2	Eff 9.4	Inf 19.4	Eff 8.7	Inf 18.5	Eff 12.3	Inf 14.2	Eff 8.8
2	16.9	15.4	15.7	12.7	16.4	14.5	17.9	16.4	20.3	12.5	20.2	13.2	12.4	10.2	14.6	8	14.7	8.7	17.7	10.5	21.6	14.5	15.5	11.6
3	19.6	20.1	29.9	15.2	17.8	13.4	12.8	11.3	20	12.6	16.8	9.3	16.9	12.4	16.3	7.9	15.4	8.9	13.7	8.1	20.3	13.3	16.4	12.2
4	11.1	16.7	16.3	13.5	16.1	13.4	19.6	14.2	16.6	11.1			12.7	7.5	12	6.6	15.3	17.6	17.9	10.5	17.1	12		
Average	16.6	16.8	20.6	13.8	16.6	13.6	17.6	14.9	19.5	13.0	17.7	11.8	14.1	9.9	14.7	8.1	15.4	11.2	17.2	9.5	19.4	13.0	15.4	10.9
										NON-CHLOR	TNATED DU	ENOLTC CO	MDOLINDS (ıa/I \ 2009	0									
		JAN		FEB		MAR		APR		MAY	INAILD FII	JUN	TI CONIO (JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	18.8	15.0	17.4	11.1	18.9	13.3	19.8	11.6			18.4	12.0	16.8	11.5	14.6	11.2	14.3	9.9	15.2	12.3			15.2	13.1
2	16.8	10.7	15.4	9.5	17.9	13.7	23.0	16.7	17.8	15.4	21.9	15.3	21.8	12.8	18.7	13.8	19.4	11.5	11.2	9.1	16.7	11.8	16.3	16.4
3	18.9	13.0	17.2	13.5	20.0	11.3	22.6	15.4	19.5	17.4	27.0	10.1	16.7	8.3	16.5	14.4	12.2	10.4	14.3	10.3	14.2	12.5	4.8	6.1
4	17.7	9.4	17.4	13.0	16.4	12.9	21.1	17.7	19.6	13.3	22.4	12.1	13.6	9.7	19.3	11.3	11.2	8.9	14.4	12.9	16.5	15.0	14.9	13.7
Average	18.1	12.0	16.9	11.8	18.3	12.8	21.6	15.4	19.0	15.4	22.4	12.4	17.2	10.6	17.3	12.7	14.3	10.2	13.8	11.2	15.8	13.1	12.8	12.3
										NON-CHLOR	INATED PH	ENOLIC CO	MPOUNDS (ug/L) 2009	9									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff 12.7	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	17.2	14.3	15.6	14.3	14 5	12 /	18.5	17.4	17.6	16.2	19.2	13.7	22.0	15.0	19.2	14.3	22.0	12 7	22.5	18.2	16.6	13.5	16.4	12.7
2 3	13.2 15.0	11.8 13.1	15.7 16.0	12.0 12.6	14.5 17.7	13.4 15.3	16.2 13.5	17.3 12.8	19.4 20.3	13.8 17.5	18.2 18.0	15.3 13.4	19.1 20.4	18.3 14.5	26.7 19.4	17.4 12.0	22.0 17.1	12.7 11.7	21.4 22.6	13.1 17.1	22.6 20.6	14.3 13.8	15.0 19.1	8.6 13.3
4	17.4	17.5	17.3	13.8	18.6	16.8	19.6	16.0	16.0	14.9	20.5	10.2	20.4	14.1	19.4	14.0	21.4	11.5	23.0	15.0	23.1	19.1	17.9	16.4
Average	15.7	14.2	16.2	13.2	16.9	15.2	17.0	15.9	18.3	15.6	19.0	13.2	20.5	15.5	21.2	14.4	20.2	12.0	22.4	15.9	20.7	15.2	17.1	12.8
Average	23.7																							

